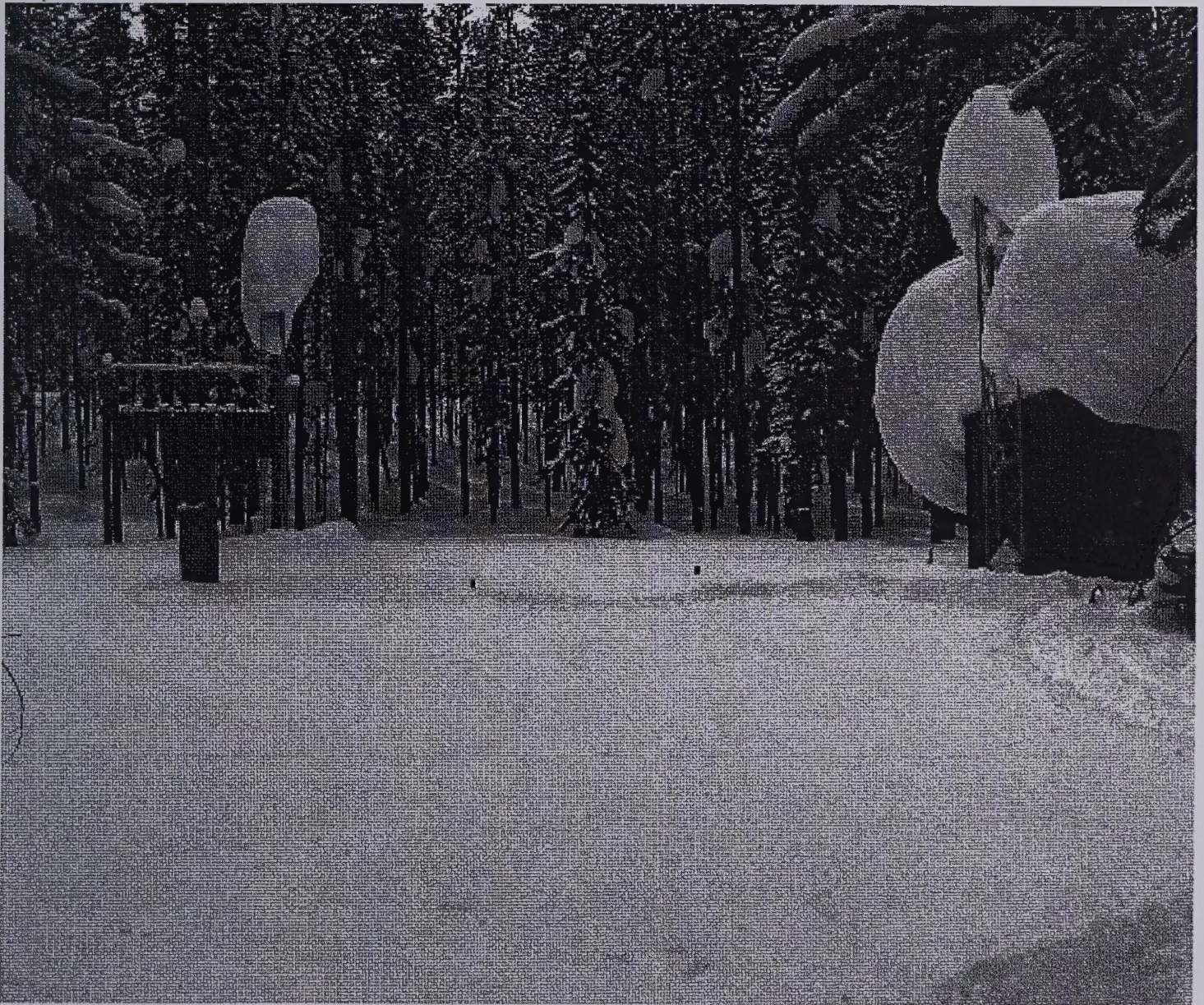


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Montana Water Supply Outlook Report June 1, 2010



Picture: Madison Plateau SNOTEL Site near West Yellowstone

Water Supply Outlook Report

and Federal - State - Private Cooperative Snow Surveys

For more water supply and resource management information, contact:

**Water Supply Specialist
Federal Building
10 East Babcock, Room 443
Bozeman, MT 59715
or
Phone 406-587-6991**

How forecasts are made

Most of the annual streamflow in the Western United States originates as snowfall that has accumulated high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are combined with snowpack data to prepare runoff forecasts. Streamflow forecasts are coordinated by Natural Resources Conservation Service and National Weather Service hydrologists. This report presents a comprehensive picture of water supply conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data, and narratives describing current conditions.

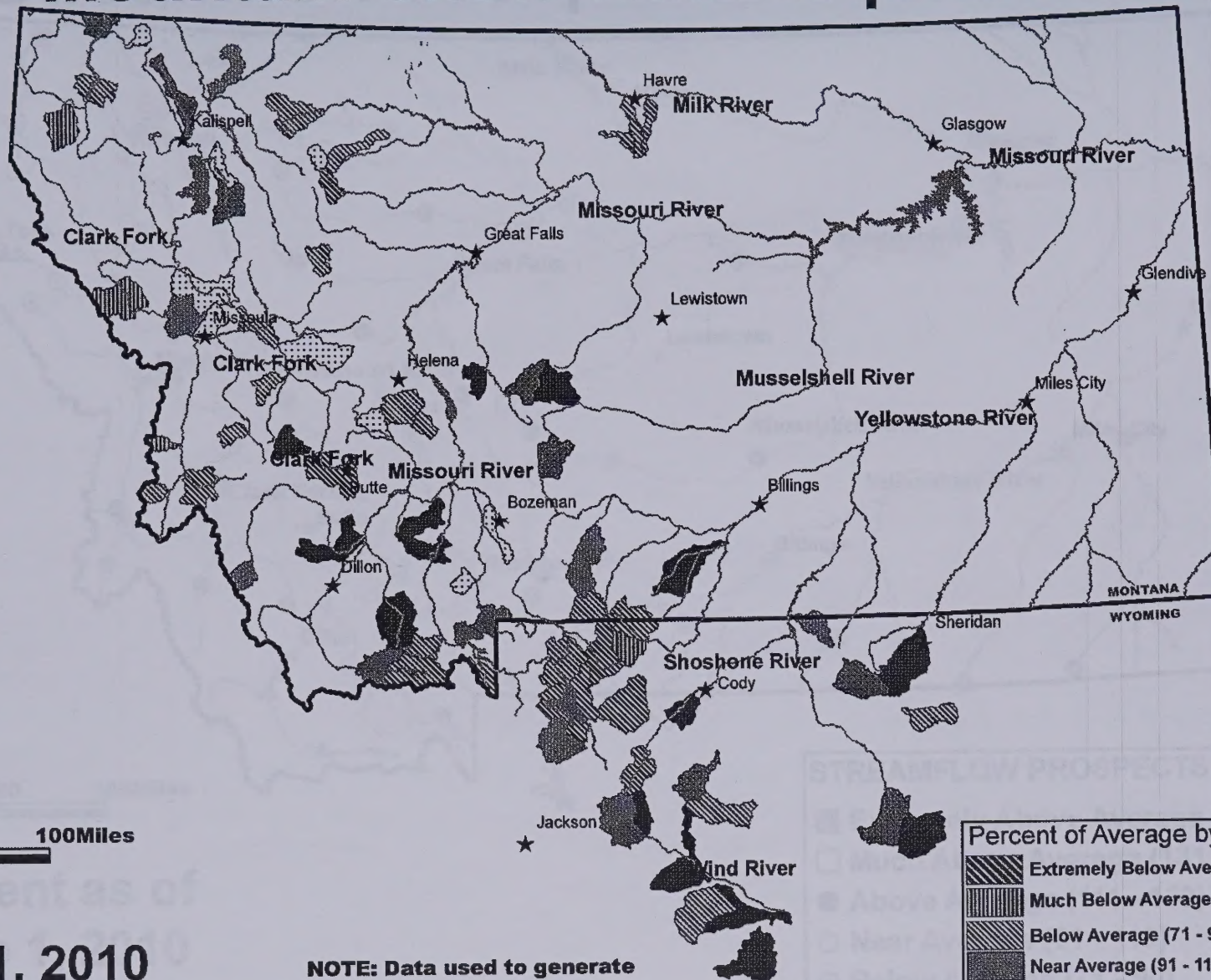
Snowpack data are obtained by using a combination of manual and automated SNOTEL measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation and temperature are monitored on a daily basis and transmitted via meteor burst telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

Forecast uncertainty originates from two sources: (1) uncertainty of future hydrologic and climatic conditions, and (2) error in the forecasting procedure. To express the uncertainty in the most probable forecast, four additional forecasts are provided. The actual streamflow can be expected to exceed the most probable forecast 50% of the time. Similarly, the actual streamflow volume can be expected to exceed the 90% forecast volume 90% of the time. The same is true for the 70%, 30%, and 10% forecasts. Generally, the 90% and 70% forecasts reflect drier than normal hydrologic and climatic conditions; the 30% and 10% forecasts reflect wetter than normal conditions. As the forecast season progresses, a greater portion of the future hydrologic and climatic uncertainty will become known and the additional forecasts will move closer to the most probable forecast.

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Mountain Snow Water Equivalent



0 50 100 Miles

June 1, 2010

NRCS Natural Resources
Conservation Service

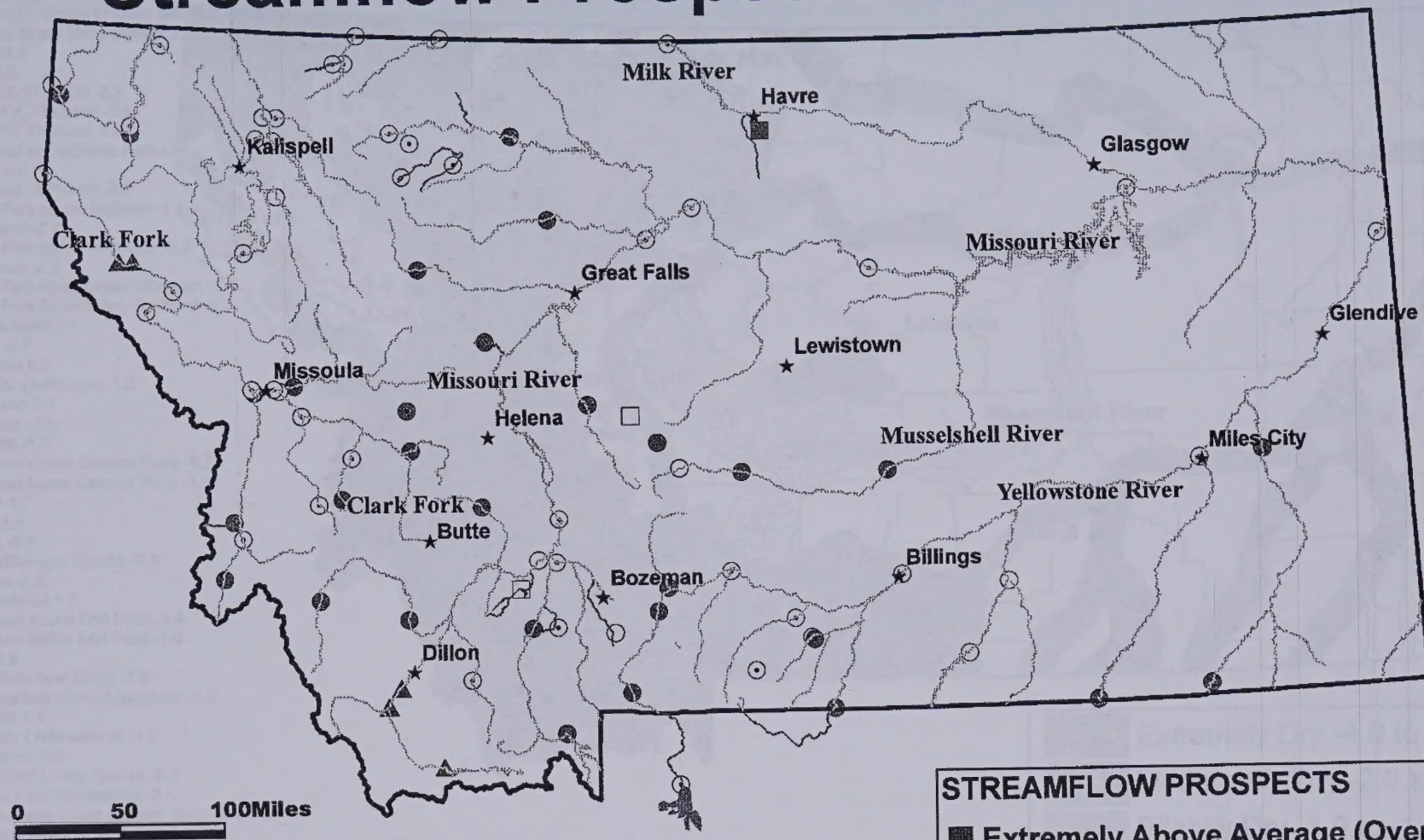
<http://www.mt.nrcs.usda.gov>

**NOTE: Data used to generate
this map are PROVISIONAL and
SUBJECT TO CHANGE.**

Percent of Average by Sub-Basin

	Extremely Below Average (Below 51)
	Much Below Average (51 - 70)
	Below Average (71 - 90)
	Near Average (91 - 110)
	Above Average (111 - 130)
	Much Above Average (131 - 150)
	Extremely Above Average (Over 150)

Streamflow Prospects for Montana



Current as of
June 1, 2010

NRCS Natural Resources
Conservation Service
<http://www.mt.nrcs.usda.gov>

NOTE: Data used to generate
this map are **PROVISIONAL** and
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STREAMFLOW PROSPECTS

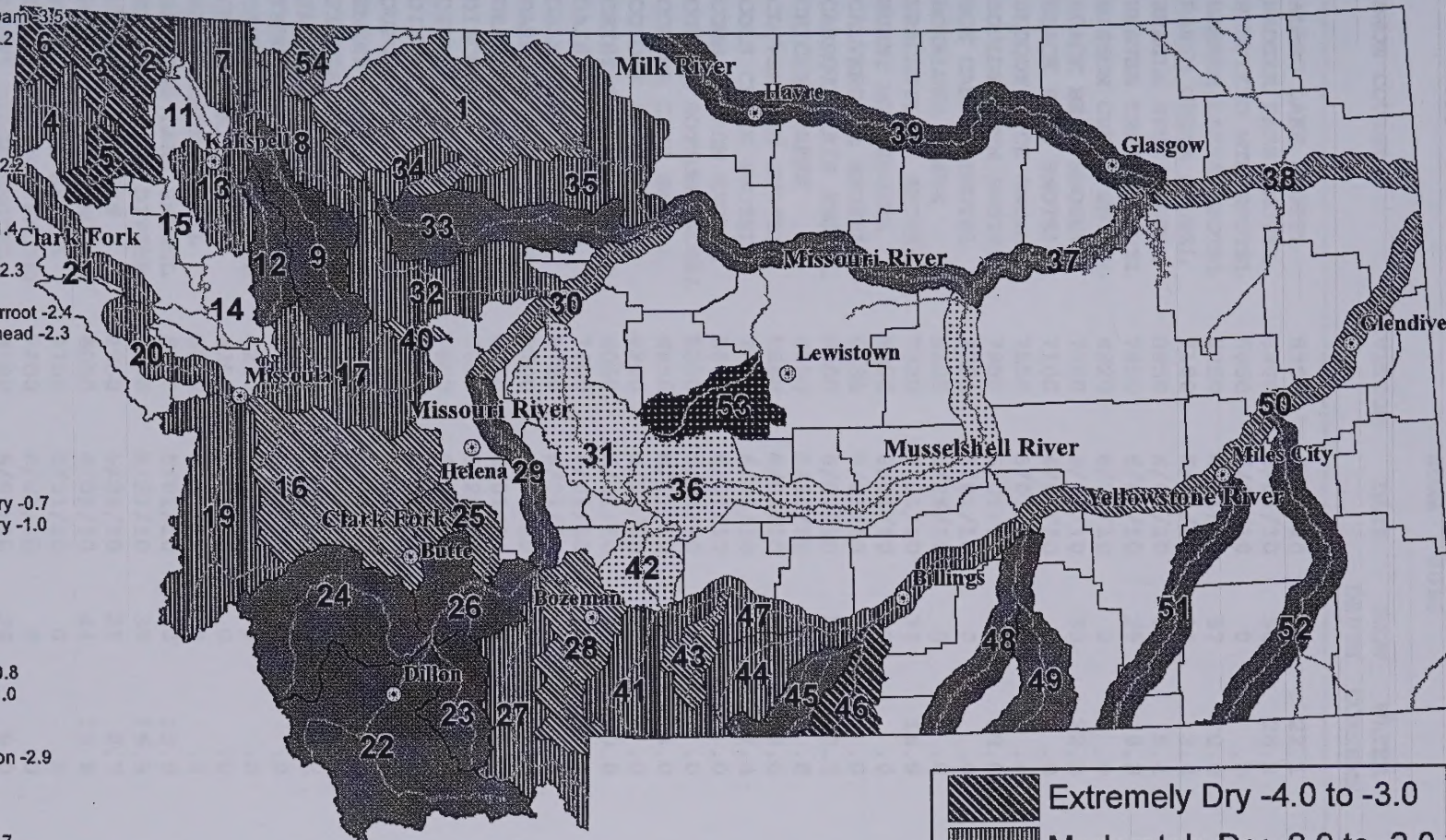
- Extremely Above Average (Over 150)
- Much Above Average (131 - 150)
- Above Average (111 - 130)
- Near Average (91 - 110)
- ⊙ Below Average (71 - 90)
- Much Below Average (51 - 70)
- ▲ Extremely Below Average (Below 51)

RIVER INDEX & SWSI VALUES

Surface Water Supply Index (SWSI) Values

UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE

- 1 Marias above Tiber Reservoir -1.9
- 2 Tobacco -3.2
- 3 Kootenai Ft. Steele to Libby Dam -3.5
- 4 Kootenai below Libby Dam -2.2
- 5 Fisher -3.0
- 6 Yaak -3.5
- 7 North FK. Flathead -2.3
- 8 Middle FK. Flathead -2.4
- 9 South FK. Flathead -0.6
- 10 Flathead at Columbia Falls -2.2
- 12 Swan 0.0
- 13 Flathead at Polson -2.3
- 16 Clark Fork above Milltown -1.4
- 17 Blackfoot -2.7
- 18 Clark Fork above Missoula -2.3
- 19 Bitterroot -2.8
- 20 Clark Fork River below Bitterroot -2.4
- 21 Clark Fork River below Flathead -2.3
- 22 Beaverhead 0.1
- 23 Ruby -0.7
- 24 Big Hole 0.2
- 25 Boulder (Jefferson) -1.0
- 26 Jefferson 0.7
- 27 Madison -2.6
- 28 Gallatin -1.0
- 29 Missouri above Canyon Ferry -0.7
- 30 Missouri below Canyon Ferry -1.0
- 31 Smith 1.7
- 32 Sun -2.4
- 33 Teton -0.2
- 34 Birch/Dupuyer Creeks -2.0
- 35 Marias -2.2
- 36 Musselshell 1.2
- 37 Missouri above Fort Peck -0.8
- 38 Missouri below Fort Peck -1.0
- 39 Milk 2.6
- 40 Dearborn near Craig -1.9
- 41 Yellowstone above Livingston -2.9
- 42 Shields 1.1
- 43 Boulder (Yellowstone) -1.0
- 44 Stillwater -2.3
- 45 Rock/Red Lodge Creeks -0.7
- 46 Clarks Fork Yellowstone -3.1
- 47 Yellowstone above Bighorn River -2.6
- 48 Bighorn below Bighorn Lake -0.4
- 49 Little Bighorn -0.1
- 50 Yellowstone below Bighorn -1.6
- 51 Tongue 2.3
- 52 Powder 2.0
- 53 Upper Judith 2.9
- 54 Saint Mary -1.4

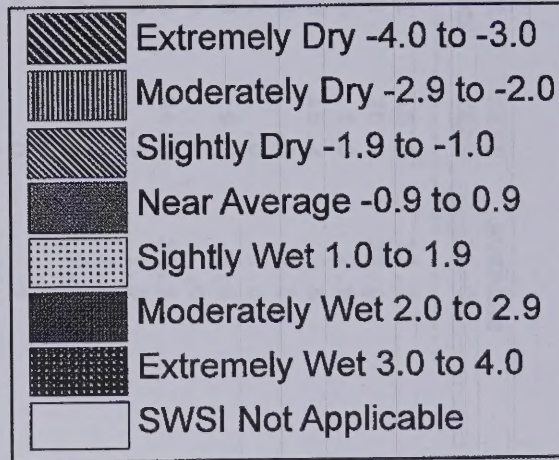


Current as of
June 1, 2010

NOTE: Data used to generate
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NRCS Natural Resources
Conservation Service

<http://www.mt.nrcs.usda.gov>



SNOW COURSE AND SNOTEL DATA SUMMARY

JUNE 2010

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
ALBRO LAKE SNOTEL	8300	6/01/10	54	22.1	15.0	13.4
BADGER PASS SNOTEL	6900	6/01/10	58	26.2	20.9	22.9
BANFIELD MTN SNOTEL	5600	6/01/10	0	.0	1.0	2.9
BARKER LAKES SNOTEL	8250	6/01/10	57	20.0	15.2	9.5
BASIN CREEK SNOTEL	7180	6/01/10	14	3.4	.0	4.1
BEAGLE SPGS SNOTEL	8850	6/01/10	19	6.4	.0	1.4
BEAVER CREEK SNOTEL	7850	6/01/10	28	9.3	9.8	8.6
BISSON CREEK SNOTEL	4920	6/01/10	0	.0	.0	.0
BLACK BEAR SNOTEL	7950	6/01/10	55	22.8	24.0	26.1
BLACK PINE SNOTEL	7100	6/01/10	0	.0	.0	1.9
BLOODY DICK SNOTEL	7550	6/01/10	1	.4	.0	1.0
BOULDER MTN SNOTEL	7950	6/01/10	51	18.0	10.9	9.2
BOX CANYON SNOTEL	6700	6/01/10	0	.0	.0	.0
BOXELDER CREEK	5100	5/26/10	0	.0	.0	.2
BRACKETT CR SNOTEL	7320	6/01/10	37	16.9	5.3	5.1
BURNT MTN SNOTEL	5880	6/01/10	0	.0	.0	.0
CALVERT CR SNOTEL	6430	6/01/10	0	.0	.0	.0
CARROT BASIN SNOTEL	9000	6/01/10	58	22.3	22.1	24.2
CHICKEN CREEK	4060	5/26/10	0	.0	.0	.0
CLOVER MDW SNOTEL	8800	6/01/10	47	18.0	7.6	11.3
COLE CREEK SNOTEL	7850	6/01/10	47	17.4	9.4	11.0
COMBINATION SNOTEL	5600	6/01/10	0	.0	.0	.0
COPPER BOTTOM SNOTEL	5200	6/01/10	0	.0	.0	.0
COPPER CAMP SNOTEL	6950	6/01/10	28	14.0	16.4	--
COYOTE HILL	4200	5/24/10	0	.0	.0	--
CRYSTAL LAKE SNOTEL	6050	6/01/10	43	20.0	.0	.7
DAISY PEAK SNOTEL	7600	6/01/10	17	5.3	.0	3.4
DALY CREEK SNOTEL	5780	6/01/10	0	.0	.0	.0
DARKHORSE LK. SNOTEL	8700	6/01/10	73	29.0	28.7	26.3
DEADMAN CR SNOTEL	6450	6/01/10	0	.0	.0	.0
DISCOVERY BASIN	7050	5/26/10	16	5.7	10.9	2.4
DIVIDE SNOTEL	7800	6/01/10	8	2.8	.0	2.7
DIX HILL	6400	6/01/10	0	.0	.0	--
DUPUYER CREEK SNOTEL	5750	6/01/10	0	.0	.0	.4
EMERY CREEK SNOTEL	4350	6/01/10	0	.0	.0	.0
FISHER CREEK SNOTEL	9100	6/01/10	69	27.9	25.6	30.1
FLATTOP MTN SNOTEL	6300	6/01/10	97	38.5	26.9	36.5
FROHNER MDWS SNOTEL	6480	6/01/10	0	.0	.0	.7
GARVER CREEK SNOTEL	4250	6/01/10	0	.0	.0	.0
GRAVE CRK SNOTEL	4300	6/01/10	0	.0	.0	.0
HAND CREEK SNOTEL	5030	6/01/10	0	.0	.0	.0
HAWKINS LAKE SNOTEL	6450	6/01/10	30	13.9	12.3	17.8
HELL ROARING DIVIDE	5770	5/27/10	35	16.3	18.7	10.8
HERRIG JUNCTION	4850	5/26/10	21	8.7	8.7	5.4
HOODOO BASIN SNOTEL	6050	6/01/10	44	19.6	30.3	28.4
KRAFT CREEK SNOTEL	4750	6/01/10	0	.0	.0	.0
LAKEVIEW RDG. SNOTEL	7400	6/01/10	0	.0	.0	.3
LEMHI RIDGE SNOTEL	8100	6/01/10	26	9.0	.0	1.4
LICK CREEK SNOTEL	6860	6/01/10	4	1.4	.0	.5
LONE MOUNTAIN SNOTEL	8880	6/01/10	38	14.8	9.3	11.8
LOWER TWIN SNOTEL	7900	6/01/10	55	19.8	15.0	13.0
LUBRECHT SNOTEL	4680	6/01/10	0	.0	.0	.0
MADISON PLT SNOTEL	7750	6/01/10	25	9.8	7.6	9.0
MANY GLACIER SNOTEL	4900	6/01/10	0	.0	.0	.0
MONUMENT PK SNOTEL	8850	6/01/10	44	15.8	15.2	15.9
MOSS PEAK SNOTEL	6780	6/01/10	90	41.8	27.9	31.0

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
MT LOCKHART SNOTEL	6400	6/01/10	18	7.9	5.6	9.6
MULE CREEK SNOTEL	8300	6/01/10	50	16.8	9.4	9.3
N.E. ENTRANCE SNOTEL	7350	6/01/10	0	.0	.0	.4
NEVADA RIDGE SNOTEL	7020	6/01/10	12	3.8	2.4	3.4
NEZ PERCE CMP SNOTEL	5650	6/01/10	0	.0	.0	.3
N.F. ELK CR SNOTEL	6250	6/01/10	0	.0	.0	.6
NF JOCKO SNOTEL	6330	6/01/10	58	30.7	27.3	26.4
NOISY BASIN SNOTEL	6040	6/01/10	105	38.2	31.0	30.1
OPHIR PARK	7150	6/01/10	12	4.9	2.0	--
PETERSON MDW SNOTEL	7200	6/01/10	29	10.6	7.1	2.7
PICKFOOT CRK SNOTEL	6650	6/01/10	0	.0	.0	.0
PIKE CREEK SNOTEL	5930	6/01/10	0	.0	.0	7.3
PLACER BASIN SNOTEL	8830	6/01/10	45	16.1	13.3	14.6
POORMAN CR SNOTEL	5100	6/01/10	12	6.2	9.0	11.1
PORCUPINE SNOTEL	6500	6/01/10	0	.0	.0	.0
RED MOUNTAIN	6000	5/27/10	13	5.9	11.0	4.1
REVAIS CREEK	4800	5/27/10	0	.0	.0	.0
ROCKER PEAK SNOTEL	8000	6/01/10	43	15.0	14.1	11.7
ROCKY BOY SNOTEL	4700	6/01/10	0	.0	.0	.2
SACAJAWEA SNOTEL	6550	6/01/10	4	2.1	.0	.0
SADDLE MTN SNOTEL	7900	6/01/10	37	12.6	16.7	16.3
S.F. SHIELDS SNOTEL	8100	6/01/10	44	17.3	8.1	12.3
SHORT CREEK SNOTEL	7000	6/01/10	0	.0	.0	.0
SHOWER FALLS SNOTEL	8100	6/01/10	62	25.4	24.5	20.5
SKALKAHO SNOTEL	7260	6/01/10	18	6.9	7.1	14.6
SLEEPING WOMAN SNTL	6150	6/01/10	0	.0	.0	1.2
SPUR PARK SNOTEL	8100	6/01/10	59	21.2	16.6	14.2
STAHL PEAK SNOTEL	6030	6/01/10	79	34.8	25.7	28.0
STRYKER BASIN	6180	5/26/10	59	26.9	24.5	19.4
STUART MOUNTAIN SNTL	7400	6/01/10	52	21.2	23.6	17.0
TAYLOR ROAD	4080	5/26/10	0	.0	.0	.2
TEPEE CREEK SNOTEL	8000	6/01/10	3	1.5	.0	5.2
TIZER BASIN SNOTEL	6840	6/01/10	0	.0	.0	.3
TV MOUNTAIN	6800	5/26/10	17	6.9	9.6	6.8
TWELVEMILE SNOTEL	5600	6/01/10	0	.0	.0	.4
TWIN LAKES SNOTEL	6400	6/01/10	27	12.4	22.0	22.3
WALDRON SNOTEL	5600	6/01/10	0	.0	.0	.1
WARM SPRINGS SNOTEL	7800	6/01/10	60	24.1	23.3	17.0
WEST YELL'ST SNOTEL	6700	6/01/10	0	.0	.0	.0
WHISKEY CREEK SNOTEL	6800	6/01/10	0	.0	.0	1.2
WHITE MILL SNOTEL	8700	6/01/10	46	16.2	15.2	18.0
WOOD CREEK SNOTEL	5960	6/01/10	0	.0	.0	.5

Montana Water Supply Outlook Report as of June 1, 2010

May's cool wet weather has improved this summer's streamflow outlooks. Streamflow forecasts west of the Divide average 78 percent and east of the Divide average 88 percent. May mountain precipitation in the Columbia River Basin was 131 percent of average, Missouri River Basin was 134 percent of average, St. Mary was 119 percent of average, and Yellowstone River Basin was 142 percent of average.

Snowpack

As of June 1, remaining state-wide mountain snowpack was 112 percent of average and 122 percent of last year. Snow water content west of the Divide was 103 percent of average and 104 percent of last year and east of the Divide was 126 percent of average and 164 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR	MAY % CHANGE
COLUMBIA	103	104	+35
KOOTENAI, MONTANA	86	100	+16
FLATHEAD, MONTANA	119	118	+44
UPPER CLARK FORK	127	107	+59
BITTERROOT	54	69	+4
LOWER CLARK FORK	70	72	+6
MISSOURI	136	159	+65
MISSOURI HEADWATERS	127	141	+60
JEFFERSON	134	147	+67
MADISON	113	127	+48
GALLATIN	130	130	+55
MISSOURI MAINSTEM	170	196	+87
HEADWATERS MAINSTEM	145	134	+74
SMITH-JUDITH-MUSSELSHELL ..	271	283	+158
SUN-TETON-MARIAS	84	129	+31
ST. MARY	105	143	+40
YELLOWSTONE	122	169	+54
UPPER YELLOWSTONE	102	118	+39
LOWER YELLOWSTONE	135	251	+65
STATE-WIDE	112	122	+44

Precipitation

May mountain and valley precipitation across the state was 133 percent of average and 215 percent of last year, while the water year precipitation was 92 percent of average and 93 percent of last year.

West of the Divide, May mountain and valley precipitation was 127 percent of average and 154 percent of last year and the water year precipitation was 83 percent of average and 86 percent of last year. East of the Divide, May mountain and valley precipitation was 135 percent of average and 256 percent of last year and the water year precipitation was 98 percent of average and 98 percent of last year.

RIVER BASIN	MAY % OF AVERAGE	WATER YEAR % OF AVERAGE
COLUMBIA	127	83
KOOTENAI	143	84
FLATHEAD	140	92
UPPER CLARK FORK	119	82
BITTERROOT	123	71
LOWER CLARK FORK	125	76
MISSOURI	136	100
JEFFERSON	139	89
MADISON	136	87
GALLATIN	120	93
MISSOURI MAINSTEM	150	112
SMITH-JUDITH-MUSSELSHELL	128	119
SUN-TETON-MARIAS	127	89
MILK	167	142
ST. MARY	117	82
YELLOWSTONE	141	91
UPPER YELLOWSTONE	111	82
LOWER YELLOWSTONE	170	102
STATE-WIDE	133	92

Reservoirs

Major reservoir storages state-wide were 99 percent of average and 108 percent of last year. Reservoir storage west of the Divide was 117 percent of average and 103 percent of last year. East of the Divide reservoir storages were 92 percent of average and 111 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
COLUMBIA	117	103
KOOTENAI	127	103
FLATHEAD	111	103
UPPER CLARK FORK	114	93
BITTERROOT	90	80
LOWER CLARK FORK	103	97
MISSOURI	91	111
JEFFERSON	107	110
MADISON	109	106
GALLATIN	113	100
MISSOURI MAINSTEM	90	113
SMITH-JUDITH-MUSSELSHELL	102	92
SUN-TETON-MARIAS	97	91
MILK	130	108
ST. MARY	77	74
YELLOWSTONE	114	108
UPPER YELLOWSTONE	117	103
LOWER YELLOWSTONE	114	109
STATE-WIDE	99	108

Streamflow

SEASONAL STREAMFLOW FORECASTS

State-wide, streamflow forecasts average 84 percent. West of the Divide, streamflow forecasts average 78 percent and east of the Divide, streamflow forecasts average 88 percent.

Below are River Basin streamflow forecast summaries for the period May 1 through July 31. THESE FORECASTS ASSUME NEAR NORMAL SPRING CONDITIONS AND DO NOT ACCOUNT FOR WELL BELOW AVERAGE (70% or less) OR WELL ABOVE AVERAGE (130% or more) SNOWMELT OR SPRING RAIN. Specific forecast probabilities are available in each individual River Basin Report.

RIVER BASIN	JUNE-JULY THIS YEAR % OF AVERAGE	JUNE-JULY LAST YEAR % OF AVERAGE
COLUMBIA	78	101
KOOTENAI	68	86
FLATHEAD	93	93
UPPER CLARK FORK	77	118
BITTERROOT	71	107
LOWER CLARK FORK	66	96
MISSOURI	88	93
JEFFERSON	78	103
MADISON	64	94
GALLATIN	87	112
MISSOURI MAINSTEM	79	104
SMITH-JUDITH-MUSSELSHELL ...	124	84
SUN-TETON-MARIAS	73	80
MILK	117	80
ST. MARY	93	91
YELLOWSTONE	88	94
UPPER YELLOWSTONE	79	102
LOWER YELLOWSTONE	101	79
STATE-WIDE	84	97

NOTE: The JUNE-JULY LAST YEAR % OF AVERAGE column above is last years forecasts on June 1, NOT of what actually occurred.

Snow Melt Peak Streamflow Forecasts

Snowmelt peak forecast dates are as follows:

COLUMBIA RIVER

Bitterroot River near Darby	Peaked May 19
Bitterroot River at Missoula	Peaked May 20
Blackfoot River near Bonner	Peaked May 20
Clark Fork River above Missoula	Peaked May 21
Clark Fork River at St. Regis	Peaked May 21
Clark Fork River below Missoula	Peaked May 20
Como Reservoir inflow	Peaked May 20
Fisher River near Libby	Peaked May 19
Little Blackfoot River near Garrison	Peaked May 21
Lower Willow Creek Reservoir Inflow	May 14 to May 20
Middle Fork Flathead River near West Glacier ...	Peaked May 19
Middle Fork Rock Creek near Phillipsburg.....	Peaked May 20
Mill Creek near Niarada	Peaked May 18-20
Nevada Creek near Helmville	Peaked May 21
North Fork Flathead River near Columbia Falls ..	Peaked May 20
Prospect Creek at Thompson Falls	Peaked May 19
South Fork Flathead River above Twin Creeks	Peaked May 19
Swan River near Big Fork	Peaked May 21
Thompson River near Thompson Falls	Peaked May 19
Tobacco River near Eureka	Peaked May 20
Yaak River near Troy	Peaked May 19

MISSOURI RIVER

Badger Creek near Browning	Peaked May 20
Big Hole River at Wisdom	Peaked May 29
Big Hole River near Melrose	Peaked May 30
Boulder River near Boulder	Peaked May 20
Clark Canyon Reservoir Inflow	Peaked May 29
Cut Bank Creek near Browning	Peaked May 20
Dearborn River near Craig	Peaked May 20
Gallatin River near Gateway.....	June 2 to June 9
Gallatin River near Logan	June 5 to June 11
Gibson Reservoir Inflow	Peaked May 19
Hebgen Reservoir Inflow	Peaked May 19
Hyalite Reservoir Inflow	June 6 to June 12
Jefferson River near Three Forks	Peaked May 31
Madison River near West Yellowstone	Peaked May 19
Marias River near Shelby	Peaked May 21
Missouri River at Toston	June 4 to June 10
Musselshell River near Harlowton	Peaked May 30
Musselshell River near Martinsdale	Peaked May 30
North Fork Musselshell River near Delpine	May 22 to May 28
Ruby Reservoir Inflow	May 20 to May 26
Sheep Creek near White Sulphur Springs	May 28 to June 3
Smith River below Eagle Creek near Fort Logan ..	May 28 to June 3
Swift Reservoir Inflow	Peaked May 19
Two Medicine River near Browning	Peaked May 20
Willow Creek near Harrison	June 5 to June 11

SASKATCHEWAN RIVER BASIN

Lake Sherburne Inflow	Peaked May 20
St. Mary River at International Boundary	May 29 to June 4

YELLOWSTONE RIVER

Boulder River near Big Timber	May 29 to June 4
Big Goose Creek near Sheridan Wyoming	June 1 to June 7
Clarks Fork River near Belfry	June 4 to June 10
Cooney Reservoir Inflow	Peaked May 25
Little Bighorn near Hardin	June 2 to June 8
Little Goose Creek near Bighorn Wyoming	May 31 to June 6
West Rosebud near Roscoe	June 6 to June 12
Powder River near Moorehead	May 30 to June 6
Shields River near Livingston	Peaked May 30
Stillwater River near Absarokee	June 6 to June 12
Tongue River near Dayton Wyoming	May 29 to June 4
Tongue River Reservoir Inflow	June 2 to June 8
Yellowstone River at Billings	June 5 to June 11
Yellowstone River at Corwin Springs	June 4 to June 10
Yellowstone River at Lake Outlet	June 28 to July 4
Yellowstone River at Livingston	June 4 to June 10

Surface Water Supply Index

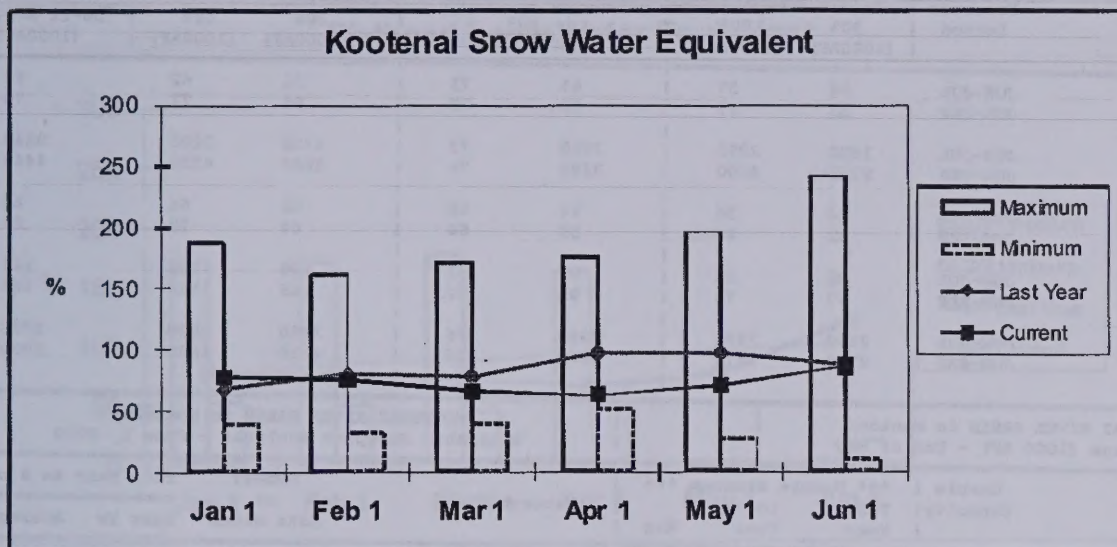
The Surface Water Supply Index (SWSI) is an indicator of surface water supply conditions for the spring and summer months. Water users that rely on mountain precipitation can use the index to evaluate seasonal surface water supplies. The SWSI accounts for mountain snowpack, mountain precipitation, streamflow, reservoir storage, and soil moisture.

<u>SWSI RATING</u>	<u>SURFACE WATER CONDITION</u>
+3.0 to +4.0	Extremely Wet
+2.0 to +3.0	Moderately Wet
+1.0 to +2.0	Slightly Wet
-1.0 to +1.0	Near Average
-1.0 to -2.0	Slightly Dry
-2.0 to -3.0	Moderately Dry
-3.0 to -4.0	Extremely Dry

<u>This Year</u> SWSI	<u>Last Year</u> SWSI	<u>Basin</u>
-3.2	-1.1	Tobacco River
-3.5	-2.7	Kootenai Ft. Steele to Libby Dam
-2.2	-1.5	Kootenai River below Libby Dam
-3.0	+0.8	Fisher River
-3.5	-1.2	Yaak River
-2.3	-2.5	North Fork Flathead River
-2.4	-0.7	Middle FORK Flathead River
-0.6	0.0	South Fork Flathead River
-2.2	-1.6	Flathead River at Columbia Falls
0.0	-1.2	Swan River
-2.3	-1.4	Flathead River at Polson
----	----	Mission Valley
----	----	Little Bitterroot River
-1.4	+2.4	Clark Fork River above Milltown
-2.7	+2.3	Blackfoot River
-2.8	+1.8	Bitterroot River
-2.4	+2.4	Clark Fork River below Bitterroot River
-2.3	-0.3	Clark Fork River below Flathead River
+0.1	+0.2	Beaverhead River
-0.7	-0.6	Ruby River
+0.2	+2.0	Big Hole River
-1.0	0.0	Boulder River (Jefferson)
+0.7	+2.4	Jefferson River
-2.6	----	Madison River
-1.0	+2.1	Gallatin River
-0.7	+0.6	Missouri River above Canyon Ferry
-1.0	+0.7	Missouri River below Canyon Ferry
+1.7	+0.6	Smith River
-2.9	-0.4	Sun River
-0.2	+0.5	Teton River
-2.0	-0.3	Birch/Dupuyer Creeks
+2.9	-0.2	Upper Judith River
-1.9	----	Marias River above Tiber
-2.2	----	Marias River below Tiber
+1.2	+1.1	Musselshell River
-0.8	----	Missouri River above Ft. Peck
-1.0	-2.0	Missouri River below Ft. Peck
-1.4	-1.0	St. Mary River
+2.6	-0.9	Milk River
-1.9	+1.5	Dearborn River near Craig
-2.9	+1.6	Yellowstone River above Livingston
+1.1	+1.9	Shields River
-1.0	+3.4	Boulder River (Yellowstone)
-2.3	+0.6	Stillwater River
-0.7	+1.2	Rock/Red Lodge Creeks
-3.1	+1.5	Clarks Fork River
-2.6	+1.6	Yellowstone River above Bighorn River
-0.4	+1.3	Bighorn River below Bighorn Lake
-0.1	-0.6	Little Bighorn River
-1.6	+1.5	Yellowstone River below Bighorn River
+2.3	+0.1	Tongue River
+2.0	+1.0	Powder River

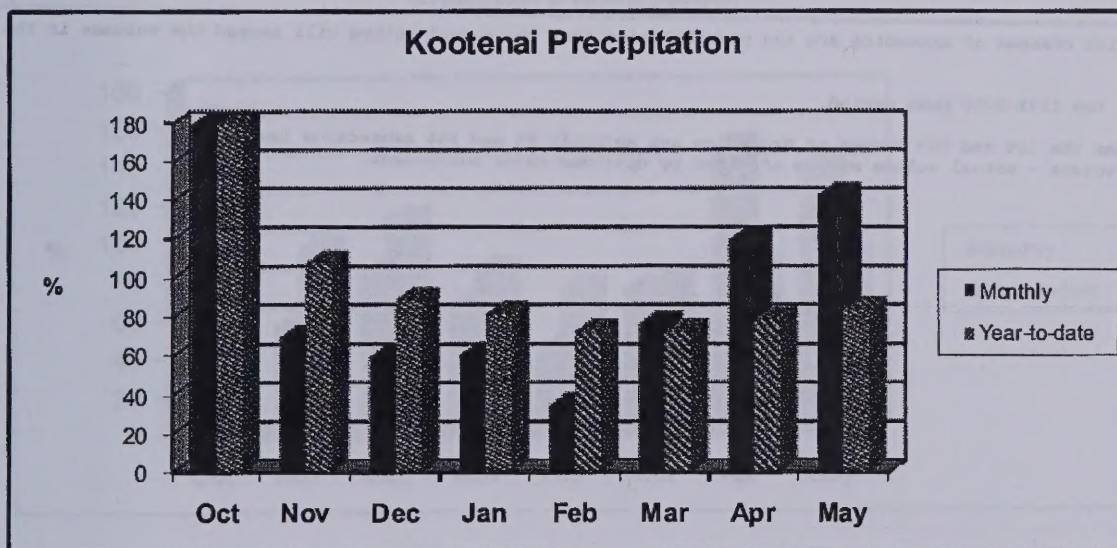
Kootenai River Basin in Montana

Snowpack in the Kootenai River Basin was below average and the same as last year. Snow water content was 86 percent of average and 100 percent of last year.



January maximum swe was established in 1997 and minimum was in 1977; February maximum swe was in 1997 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 1977; April maximum swe was in 1974 and minimum swe was in 2001 and 2005; May maximum swe was in 1974 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during May was 146 percent of average and 142 percent of last year. Valley precipitation during May was 99 percent of average and 84 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 84 percent of average and 95 percent of last year.



Lake Koocanusa storage was 127 percent of average and 103 percent of last year.

Assuming average precipitation June through July, basin streamflow forecasts average 68 percent and 79 percent of last years forecasts. Snow melt peak flow dates and seasonal volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -3.2 in the Tobacco River; -3.5 in the Kootenai Ft. Steele to Libby Dam; -2.2 in the Kootenai River below Libby Dam; -3.0 in the Fisher River; and -3.5 in the Yaak River.

KOOTENAI RIVER BASIN in Montana
Streamflow Forecasts - June 1, 2010

Forecast Point	Forecast Period	<<===== Drier =====		Future Conditions		===== Wetter =====>>>		30-Yr Avg (1000AF)
				Chance Of Exceeding *				
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
TOBACCO RIVER nr Eureka	JUN-JUL	26	37	44	71	51	62	62
	JUN-SEP	33	46	55	72	64	77	76
LIBBY RES Inflow (1,2)	JUN-JUL	1820	2290	2510	73	2730	3200	3440
	JUN-SEP	2350	3000	3290	74	3580	4230	4440
FISHER RIVER nr Libby	JUN-JUL	24	36	44	65	52	64	68
	JUN-SEP	32	46	55	66	64	78	84
YAAK RIVER nr Troy	JUN-JUL	38	64	82	57	100	126	144
	JUN-SEP	47	75	95	57	115	143	166
KOOTENAI at Leonia (1,2)	JUN-JUL	2100	2690	2960	76	3230	3820	3920
	JUN-SEP	2750	3470	3800	76	4130	4850	5000

KOOTENAI RIVER BASIN in Montana
Reservoir Storage (1000 AF) - End of May

KOOTENAI RIVER BASIN in Montana
Watershed Snowpack Analysis - June 1, 2010

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
LAKE KOOCANUSA	5748.0	4057.0	3924.0	3193.1	KOOTENAY in CANADA	3	99	82
					KOOTENAI MAINTSTEM	4	78	70
					TOBACCO	2	135	124
					FISHER	1	0	0
					YAAK	3	85	90
					KOOTENAI in MONTANA	9	100	86
					KOOTENAI ab BONNERS FERRY	12	99	85

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

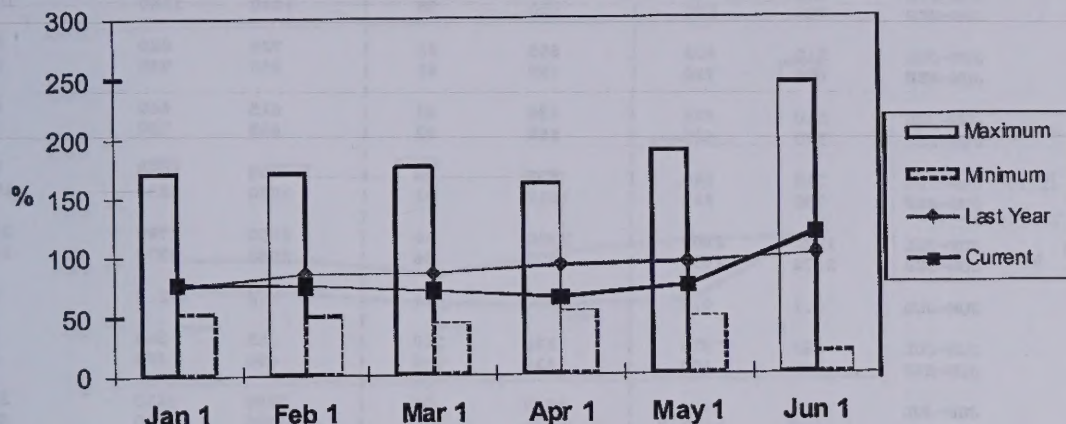
The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
 (2) - The value is natural volume - actual volume may be affected by upstream water management.

Flathead River Basin

Snowpack in the Flathead River Basin was above average above last year. Snow water content was 119 percent of average and 118 percent of last year.

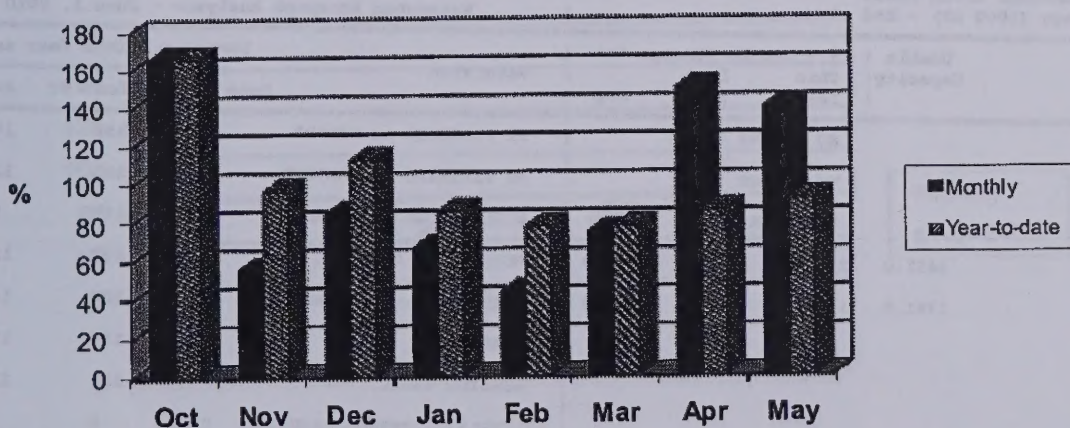
Flathead Snow Water Equivalent



January maximum swe was established in 1997 and minimum was in 2001; February maximum swe was in 1972 and minimum was in 2001; March maximum swe was in 1972 and minimum was in 2005; April maximum swe was in 1972 and minimum was in 2005; May maximum swe was in 1972 and minimum was in 1992; and June maximum swe was in 1974 and minimum was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during May was 142 percent of average and 178 percent of last year. Valley precipitation during May was 121 percent of average and 260 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 92 percent of average and 104 percent of last year.

Flathead Precipitation



Combined Camas reservoir storage was not available; Lower Jocko Lake was not available; combined Mission Valley reservoir storage was not available; Hungry Horse storage was 116 percent of average and 103 percent of last year; and Flathead Lake storage was 102 percent of average and 101 percent of last year.

Assuming average precipitation June through July, basin streamflow forecasts average 93 percent and 100 percent of last years forecasts. Snow melt peak flow dates and seasonal volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -2.3 in the North Fork Flathead River; -2.4 in the Middle Fork Flathead River; -0.6 in the South Fork Flathead River; -2.2 in the Flathead River at Columbia Falls; 0.0 in the Swan River; -2.3 in the Flathead River at Polson; not available for the Mission Valley and not available for the Little Bitterroot River basins.

FLATHEAD RIVER BASIN
Streamflow Forecasts - June 1, 2010

Forecast Point	Forecast Period	<< Drier		Future Conditions		Wetter >>>		30-Yr Avg. (1000AF)
		90%	70%	Chance Of Exceeding *		30%	10%	
		(1000AF)	(1000AF)	(1000AF)	50% (% AVG.)	(1000AF)	(1000AF)	
NF FLATHEAD nr Columbia Falls	JUN-JUL	585	705	785	95	865	985	830
	JUN-SEP	725	860	950	95	1040	1180	1000
MF FLATHEAD nr West Glacier	JUN-JUL	510	605	665	81	725	820	825
	JUN-SEP	620	720	790	81	860	960	975
SF FLATHEAD R Nr Hungry Horse	JUN-JUL	510	555	585	93	615	660	629
	JUN-SEP	570	625	660	93	695	750	711
HUNGRY HORSE Reservoir Inflow (1,2)	JUN-JUL	710	840	895	93	950	1080	960
	JUN-SEP	795	945	1010	93	1080	1230	1090
FLATHEAD at Columbia Falls (2)	JUN-JUL	1820	2100	2300	86	2500	2780	2690
	JUN-SEP	2170	2500	2720	86	2940	3270	3160
ASHLEY CREEK nr Marion (2)	JUN-JUL	0.1	0.2	0.7	44	1.2	2.0	1.6
SWAN RIVER nr Bigfork	JUN-JUL	285	315	335	110	355	385	305
	JUN-SEP	365	400	425	110	450	485	385
FLATHEAD LAKE Inflow (1,2)	JUN-JUL	1910	2430	2660	86	2890	3410	3100
	JUN-SEP	2220	2830	3110	86	3390	4000	3620
MILL CREEK nr Niarada	JUN-JUL	0.4	0.7	0.9	71	1.1	1.4	1.3
	JUN-SEP	0.6	0.9	1.1	72	1.4	1.7	1.6
South Crow Ck nr Ronan	JUN-JUL	5.4	6.5	7.2	116	7.9	9.0	6.2
	JUN-SEP	6.7	7.9	8.7	114	9.5	10.7	7.6
Mission Ck nr St. Ignatius	JUN-JUL	13.3	15.2	16.5	96	17.8	19.7	17.2
	JUN-SEP	16.6	19.2	21	95	23	25	22
SF Jocko R nr Arlee	JUN-JUL	14.5	17.8	20	141	22	25	14.2
	JUN-SEP	19.2	23	25	139	27	31	18.0
NF JOCKO RIVER bl Tabor Canal	JUN-JUL	11.1	13.0	14.4	100	15.8	17.7	14.4
	JUN-SEP	12.4	14.5	15.9	98	17.3	19.4	16.3

FLATHEAD RIVER BASIN Reservoir Storage (1000 AF) - End of May					FLATHEAD RIVER BASIN Watershed Snowpack Analysis - June 1, 2010			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
CAMAS (4)		NO REPORT			NF FLATHEAD in CANADA	1	158	186
LOWER JOCKO LAKE		NO REPORT			NF FLATHEAD in MONTANA	6	123	122
MISSION VALLEY (8)		NO REPORT			MIDDLE FORK FLATHEAD	4	135	97
HUNGRY HORSE	3451.0	2999.0	2908.0	2588.0	SOUTH FORK FLATHEAD	2	123	127
FLATHEAD LAKE	1791.0	1531.0	1509.0	1499.2	STILLWATER-WHITEFISH	5	100	146
					SWAN	4	128	127
					MISSION VALLEY	2	150	135
					LITTLE BITTERROOT-ASHLEY	0	0	0
					JOCKO	5	97	114
					FLATHEAD in MONTANA	21	119	120
					FLATHEAD RIVER BASIN	22	120	121

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

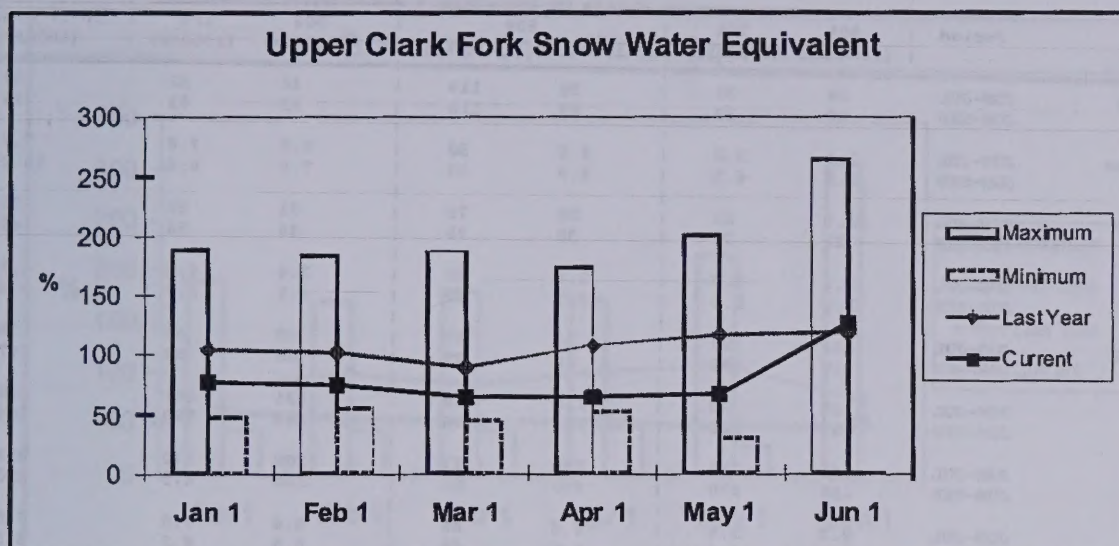
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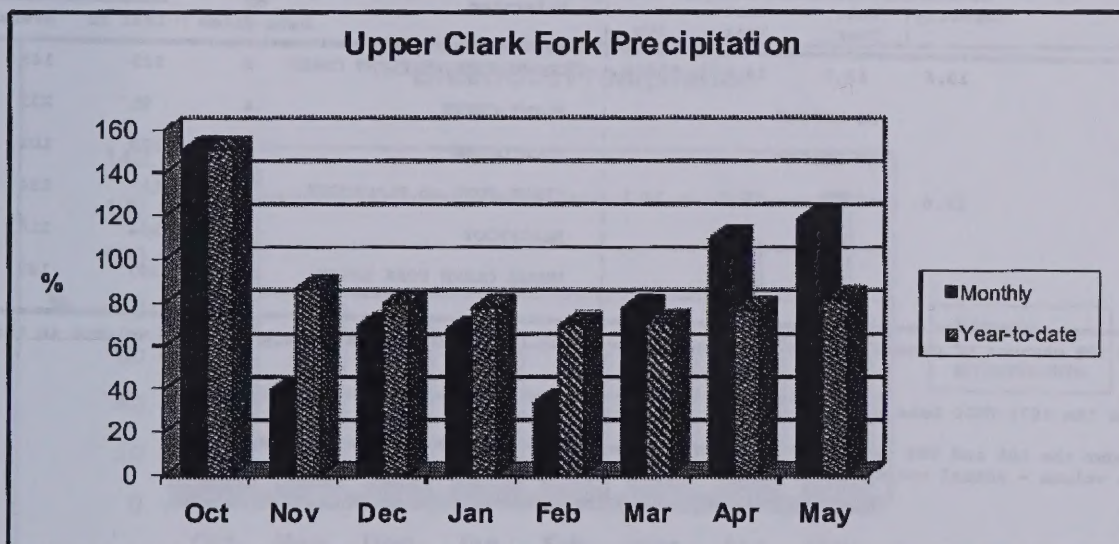
Upper Clark Fork River Basin

Snowpack in the Upper Clark Fork River Basin was above average and slightly above last year. Snow water content was 127 percent of average and 107 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1972 and minimum was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during May was 118 percent of average and 184 percent of last year. Valley precipitation during May was 125 percent of average and 223 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 82 percent of average and 78 percent of last year.



East Fork Reservoir was 131 percent of average and 93 percent of last year; Georgetown Lake was not available; Lower Willow Creek storage was not available; and Nevada Creek storage was 97 percent of average and 94 percent of last year.

Assuming average precipitation June through July, basin streamflow forecasts average 77 percent and 65 percent of last years forecasts. Snow melt peak flow dates and seasonal volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -1.4 in the Clark Fork River above Milltown and -2.7 in the Blackfoot River.

UPPER CLARK FORK RIVER BASIN
Streamflow Forecasts - June 1, 2010

Forecast Point	Forecast Period	<<----- Drier ----- Future Conditions ----- Wetter ----->>						
		90%		50%		30%		30-Yr Avg. (1000AF)
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
LITTLE BLACKFOOT nr Garrison	JUN-JUL	24	32	38	119	44	52	32
	JUN-SEP	29	39	46	118	53	63	39
FLINT CREEK nr Southern Cross	JUN-JUL	1.4	3.2	4.5	58	5.8	7.6	7.7
	JUN-SEP	1.9	4.3	5.9	58	7.5	9.9	10.2
FLINT CREEK blw Boulder Ck	JUN-JUL	13.7	21	26	79	31	38	33
	JUN-SEP	22	32	38	79	44	54	48
LOWER WILLOW CK RES Inflow	JUN-JUL	1.1	1.9	2.6	61	3.4	4.8	4.3
	JUN-SEP	1.5	2.5	3.3	62	4.2	5.7	5.3
MF ROCK CREEK nr Philipsburg	JUN-JUL	24	30	34	87	38	44	39
	JUN-SEP	29	36	41	87	46	53	47
Rock Ck Nr Clinton	JUN-JUL	68	96	115	78	134	162	148
	JUN-SEP	87	120	143	78	166	199	183
CLARK FORK abv Milltown	JUN-JUL	140	210	255	81	300	370	315
	JUN-SEP	186	270	330	81	390	475	410
NEVADA CREEK nr Helmville	JUN-JUL	2.2	3.6	4.6	66	5.6	7.0	7.0
	JUN-SEP	2.8	4.4	5.5	65	6.6	8.2	8.5
BLACKFOOT RIVER nr Bonner	JUN-JUL	162	210	245	65	280	330	380
	JUN-SEP	210	265	300	64	335	390	470
CLARK FORK abv Missoula	JUN-JUL	335	430	500	72	570	665	695
	JUN-SEP	430	555	635	72	715	840	880

UPPER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of May

UPPER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - June 1, 2010

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
EAST FORK ROCK CREEK	15.6	13.8	14.9	10.5	CLARK FORK ab FLINT CREEK	5	125	145
GEORGETOWN LAKE		NO REPORT			FLINT CREEK	4	91	233
LOWER WILLOW CREEK		NO REPORT			ROCK CREEK	2	123	101
NEVADA CREEK	12.6	10.8	11.5	11.1	CLARK FORK ab BLACKFOOT	9	117	134
					BLACKFOOT	6	104	118
					UPPER CLARK FORK BASIN	15	107	127

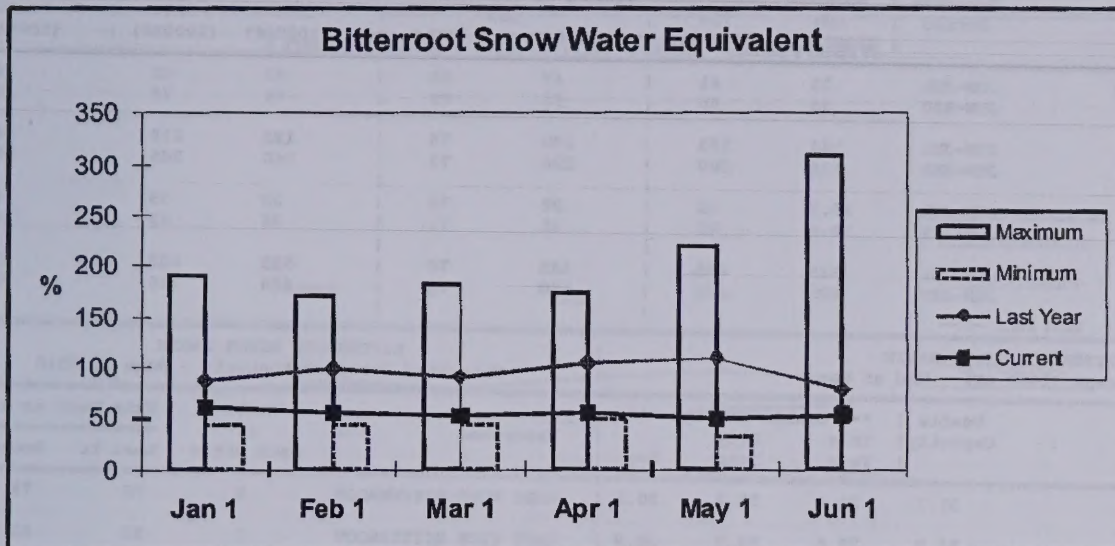
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The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
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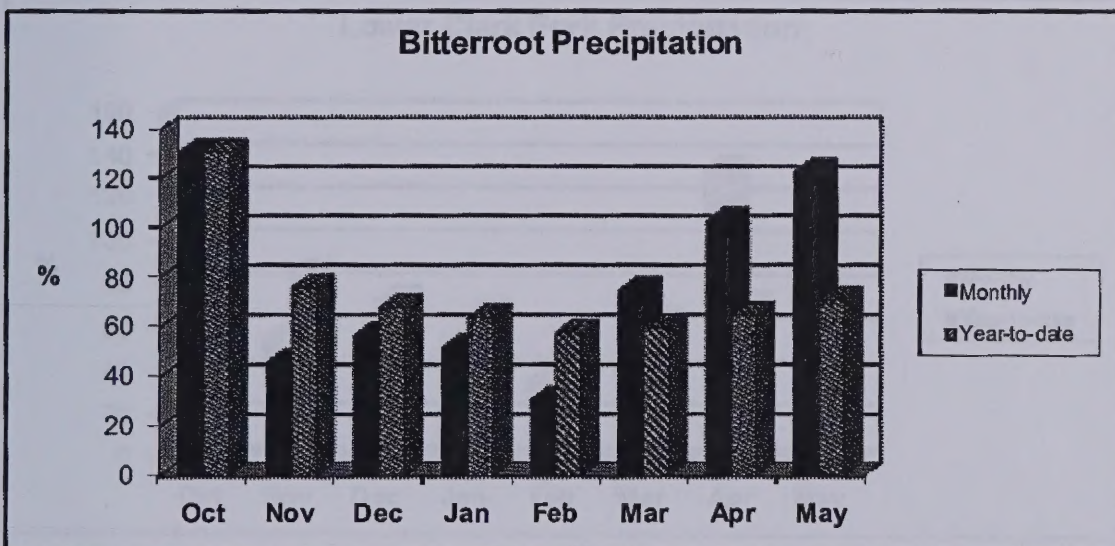
Bitterroot River Basin

Snowpack in the Bitterroot River Basin was well below average and well below last year. Snow water content was 54 percent of average and 69 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum was in 1977; March maximum swe was in 1972 and minimum swe was in 1977 and 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1987; and June maximum swe was 1972 and 1974 and minimum swe was in 1987, 1992, 1994, and 2001. Average is for the period 1971 through 2000.

Mountain precipitation during May was 125 percent of average and 105 percent of last year. Valley precipitation during May was 112 percent of average and 179 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 71 percent of average and 69 percent of last year.



Painted Rocks Lake storage was 106 percent of average and 98 percent of last year and Como storage was 73 percent of average and 63 percent of last year.

Assuming average precipitation June through July, basin streamflow forecasts average 71 percent and 66 percent of last years forecasts. Snow melt peaks flow date and seasonal volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -2.8 in the Bitterroot River.

BITTERROOT RIVER BASIN
Streamflow Forecasts - June 1, 2010

Forecast Point	Forecast Period	<<----- Drier ----- Future Conditions ----- Wetter ----->>						30-Yr Avg. (1000AF)
		90%		50%		30%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
WF BITTERROOT nr Conner (2)	JUN-JUL	33	41	47	68	53	61	69
	JUN-SEP	36	48	56	68	64	76	82
BITTERROOT nr Darby	JUN-JUL	144	165	180	75	195	215	240
	JUN-SEP	174	200	220	75	240	265	295
COMO RESERVOIR Inflow	JUN-JUL	16.7	23	28	70	33	39	40
	JUN-SEP	18.6	26	31	71	36	43	44
BITTERROOT at Missoula	JUN-JUL	365	435	485	70	535	605	690
	JUN-SEP	405	495	560	70	625	715	800

BITTERROOT RIVER BASIN
Reservoir Storage (1000 AF) - End of May

BITTERROOT RIVER BASIN
Watershed Snowpack Analysis - June 1, 2010

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
PAINTED ROCKS LAKE	31.7	32.4	33.2	30.5	WEST FORK BITTERROOT	2	75	76
COMO	34.9	22.6	35.7	30.9	EAST SIDE BITTERROOT	3	82	63
					WEST SIDE BITTERROOT	3	55	45
					BITTERROOT RIVER BASIN	7	69	54

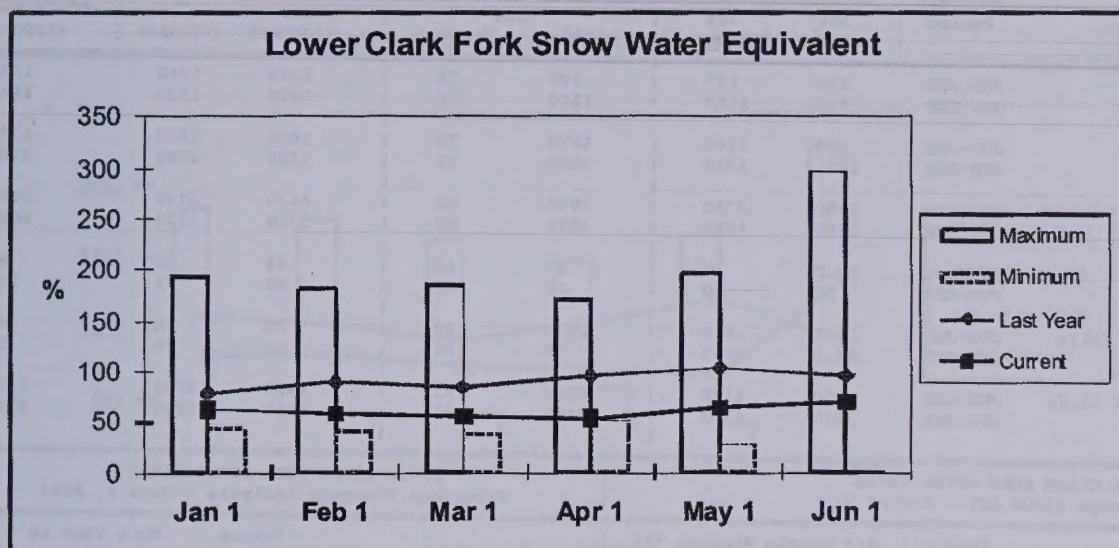
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The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
 (2) - The value is natural volume - actual volume may be affected by upstream water management.

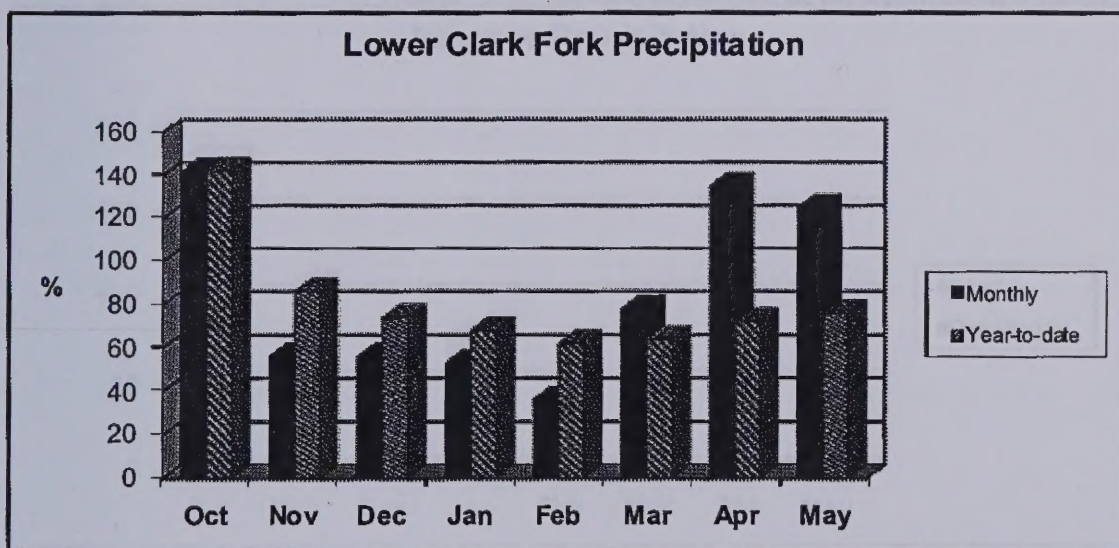
Lower Clark Fork River Basin

Snowpack in the Lower Clark Fork River Basin was below average below last year. Snow water content was 70 percent of average and 72 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum was in 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1977. Average is for the period 1971 through 2000.

Mountain precipitation during May was 133 percent of average and 125 percent of last year. Valley precipitation during May was 94 percent of average and 113 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 76 percent of average and 79 percent of last year.



Noxon Rapids storage was 103 percent of average and 97 percent of last year.

Assuming average precipitation June through July, basin streamflow forecasts average 66 percent and 69 percent of last years forecasts. Snow melt peak flow dates and seasonal volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -2.4 in the Clark Fork River below Bitterroot River and -2.3 in the Clark Fork River below Flathead River.

LOWER CLARK FORK RIVER BASIN
Streamflow Forecasts - June 1, 2010

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg (1000AF)
CLARK FORK blw Missoula	JUN-JUL	730	885	985	71	1090	1240	1380
	JUN-SEP	855	1050	1190	71	1330	1530	1680
CLARK FORK at St. Regis (1)	JUN-JUL	845	1140	1270	72	1400	1690	1770
	JUN-SEP	1020	1380	1550	72	1720	2080	2160
CLARK FORK nr Plains (1,2)	JUN-JUL	2990	3750	4090	80	4430	5190	5100
	JUN-SEP	3460	4430	4870	80	5310	6280	6090
THOMPSON nr Thompson Falls	JUN-JUL	19.0	30	37	45	44	55	82
	JUN-SEP	27	40	49	45	58	71	108
PROSPECT CREEK at Thompson Falls	JUN-JUL	12.2	16.0	18.6	45	21	25	41
	JUN-SEP	15.1	19.2	22	44	25	29	50
CLARK FK at Whitehorse Rpds (1,2)	JUN-JUL	3350	4170	4550	81	4930	5750	5620
	JUN-SEP	3950	4990	5460	81	5930	6970	6750

LOWER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of May

LOWER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - June 1, 2010

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
NOXON RAPIDS	335.0	323.7	332.1	313.6	LOWER CLARK FORK BASIN	8	72	70

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

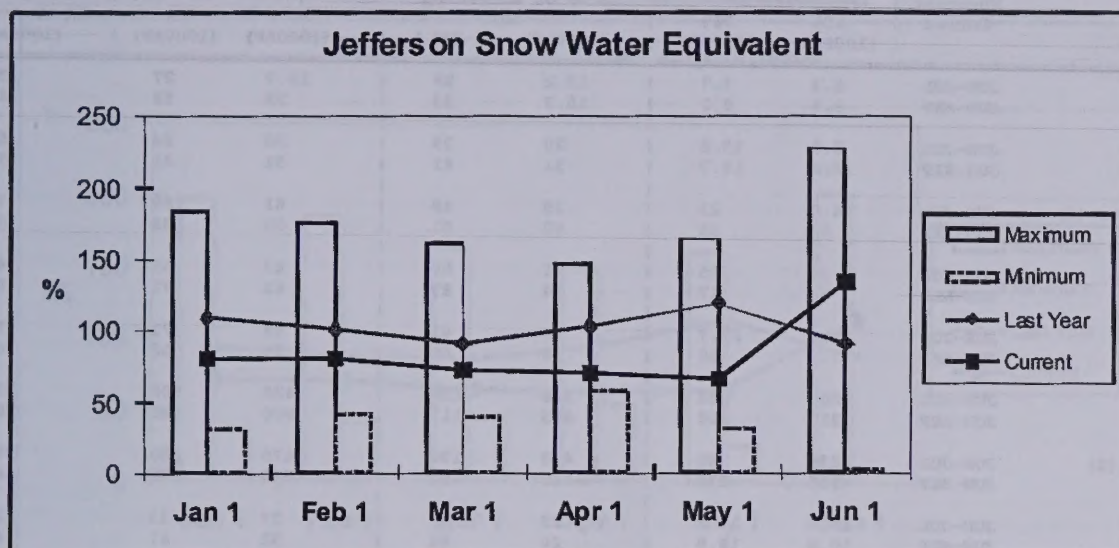
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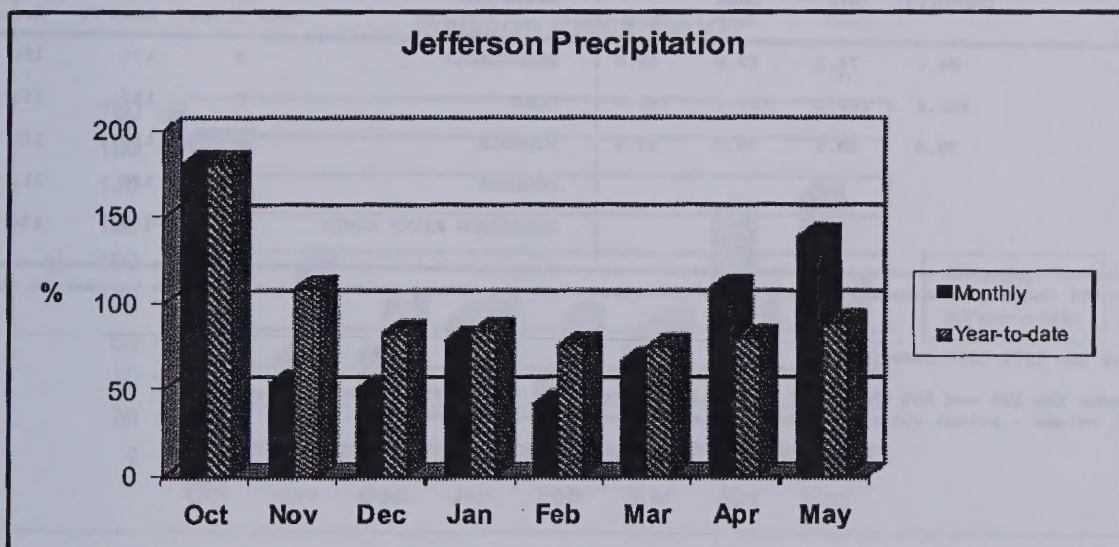
Jefferson River Basin

Snowpack in the Jefferson River Basin was well above average well above last year. Snow water content was 134 percent of average and 147 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1972 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1982 and minimum in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during May was 141 percent of average and 230 percent of last year. Valley precipitation during May was 119 percent of average and 457 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 89 percent of average and 85 percent of last year.



Lima storage was 116 percent of average and 109 percent of last year; Clark Canyon storage was 105 percent of average and 113 percent of last year; and Ruby River storage was 101 percent of average and 99 percent of last year.

Assuming average precipitation June through July, basin streamflow forecasts average 78 percent and 76 percent of last years forecasts. Snow melt peak flow dates and seasonal volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was +0.1 in the Beaverhead River; -0.7 in the Ruby River; +0.2 in the Big Hole River; -1.0 in the Boulder River; and +0.7 for the Jefferson River at Three Forks.

JEFFERSON RIVER BASIN
Streamflow Forecasts - June 1, 2010

Forecast Point	Forecast Period	<< Drier		Future Conditions		Wetter >>>		30-Yr Avg. (1000AF)
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
LIMA RESERVOIR Inflow (2)	JUN-JUL	3.3	7.7	13.2	34	18.7	27	39
	JUN-SEP	3.4	8.2	15.3	33	22	33	47
CLARK CANYON Inflow (2)	JUN-JUL	8.0	13.5	20	39	38	64	51
	JUN-SEP	12.4	19.7	31	41	51	81	76
BEAVERHEAD RIVER at Barretts (2)	JUN-JUL	14.0	23	35	49	61	99	71
	JUN-SEP	21	33	52	51	85	135	103
RUBY RIVER Reservoir Inflow	JUN-JUL	26	35	41	89	47	56	46
	JUN-SEP	36	47	54	87	61	72	62
BIG HOLE RIVER at Wisdom	JUN-JUL	5.9	17.7	33	61	48	71	54
	JUN-SEP	7.7	20	38	60	56	82	63
BIG HOLE RIVER nr Melrose	JUN-JUL	280	345	390	120	435	500	325
	JUN-SEP	310	390	445	117	500	580	380
JEFFERSON nr Twin Bridges (2)	JUN-JUL	230	335	405	104	475	580	390
	JUN-SEP	235	370	460	99	550	685	465
BOULDER RIVER nr Boulder	JUN-JUL	10.5	17.4	22	61	27	33	36
	JUN-SEP	10.6	19.8	26	61	32	41	43
WILLOW CREEK Reservoir Inflow	JUN-JUL	10.5	13.6	15.7	145	17.8	21	10.8
	JUN-SEP	13.9	18.1	21	160	24	28	13.1
JEFFERSON RIVER nr Three Forks (2)	JUN-JUL	192	305	385	104	465	580	370
	JUN-SEP	225	365	460	102	555	695	450

JEFFERSON RIVER BASIN
Reservoir Storage (1000 AF) - End of May

JEFFERSON RIVER BASIN
Watershed Snowpack Analysis - June 1, 2010

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
LIMA	84.0	76.2	69.8	65.8	BEAVERHEAD	8	177	128
CLARK CANYON	255.6	169.0	150.1	161.2	RUBY	5	167	155
RUBY RIVER	38.8	38.1	38.5	37.9	BIGHOLE	8	117	122
					BOULDER	3	130	112
					JEFFERSON RIVER BASIN	19	147	134

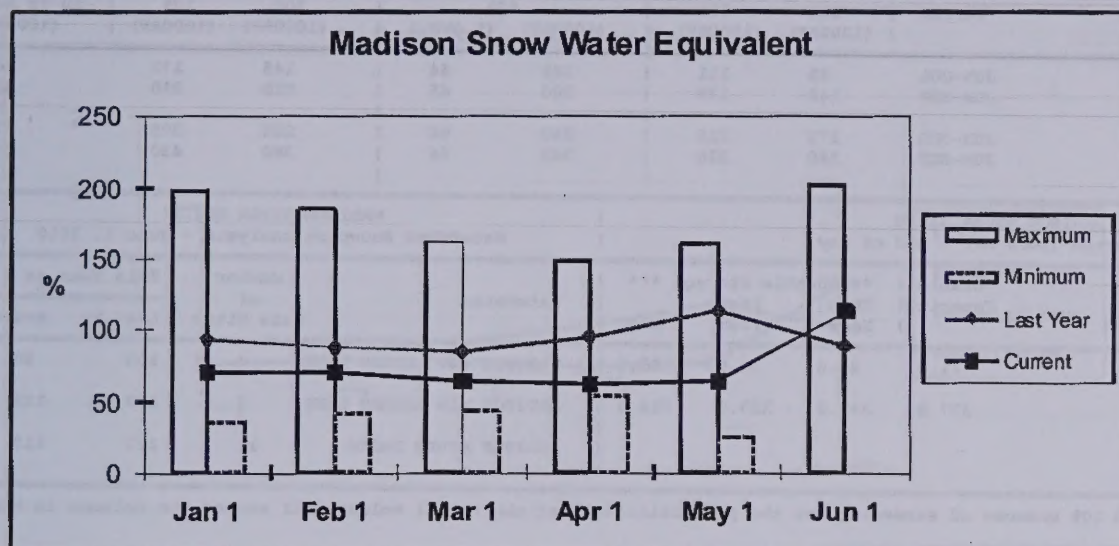
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

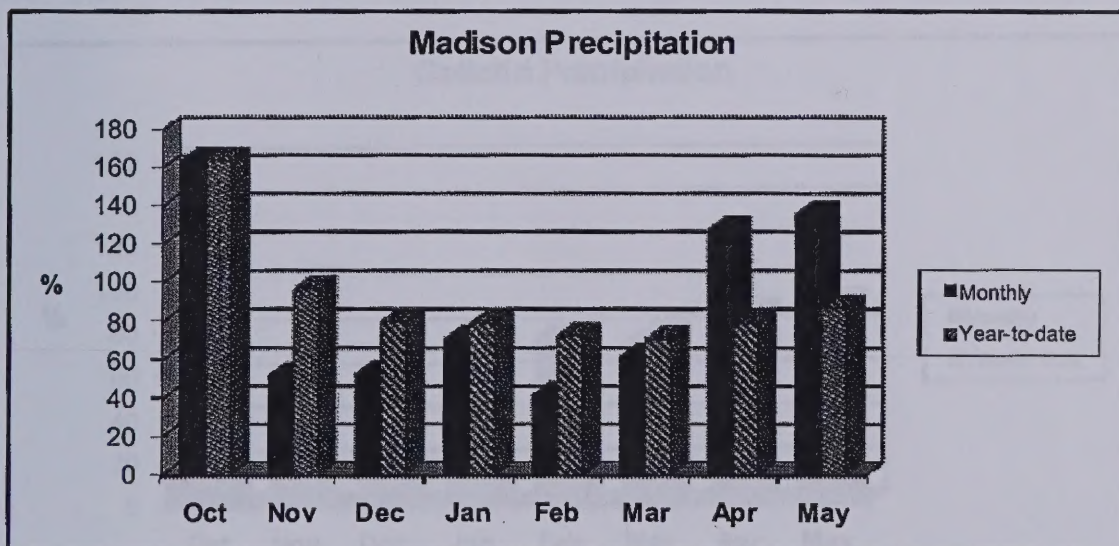
Madison River Basin

Snowpack in the Madison River Basin was above average above last year. Snow water content was 113 percent of average and 127 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1997 and minimum swe was in 1977; and June maximum swe was in 1995 and minimum in 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during May was 136 percent of average and 212 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 87 percent of average and 85 percent of last year.



Ennis Lake storage was 104 percent of average and 108 percent of last year and Hebgen Lake storage was 110 percent of average and 106 percent of last year.

Assuming average precipitation June through July, basin streamflow forecasts average 64 percent and 68 percent of last years forecasts. Snow melt peak flow dates and seasonal volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -2.6 for the Madison River.

MADISON RIVER BASIN
Streamflow Forecasts - June 1, 2010

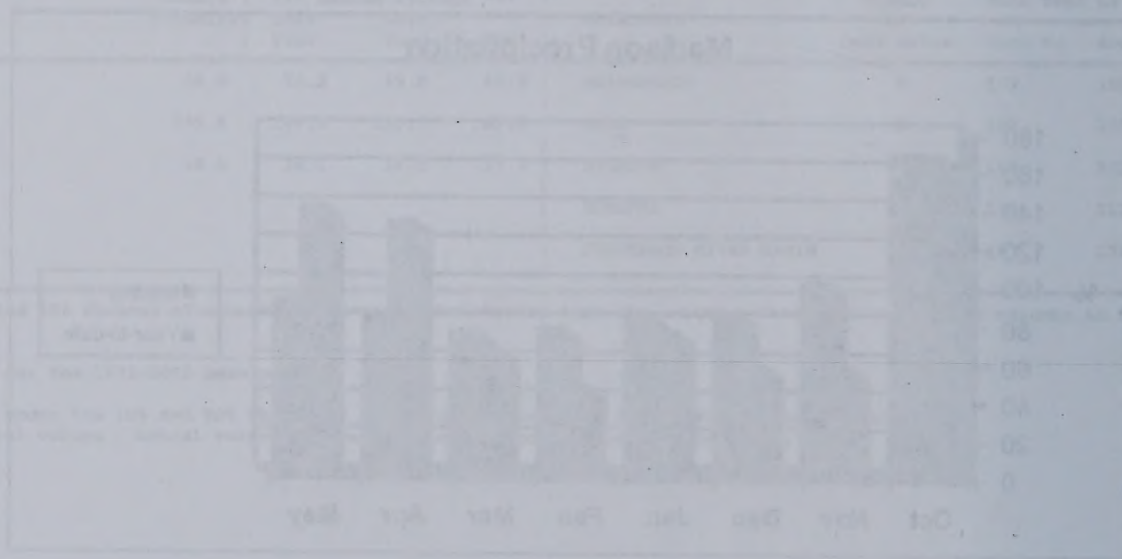
Forecast Point	Forecast Period	<<----- Drier ----- Future Conditions ----- Wetter ----->>						30-Yr Avg. (1000AF)
		90%		50%		30%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
HEBGEN Reservoir Inflow	JUN-JUL	85	111	128	64	145	171	200
	JUN-SEP	148	179	200	65	220	250	310
ENNIS Reservoir Inflow (2)	JUN-JUL	173	215	240	64	265	305	375
	JUN-SEP	260	310	345	64	380	430	540

MADISON RIVER BASIN Reservoir Storage (1000 AF) - End of May					MADISON RIVER BASIN Watershed Snowpack Analysis - June 1, 2010			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
ENNIS LAKE	41.0	36.6	34.0	35.3	MADISON abv HEBGEN LAKE	4	103	90
HEBGEN LAKE	377.5	345.0	327.0	314.7	MADISON blw HEBGEN LAKE	7	137	123
					MADISON RIVER BASIN	11	127	113

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

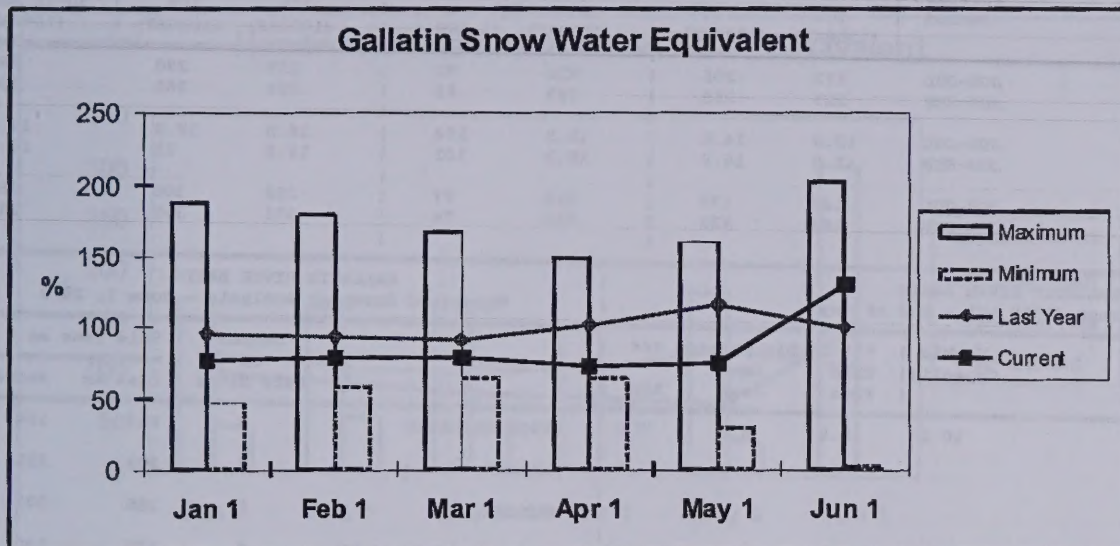
The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
 (2) - The value is natural volume - actual volume may be affected by upstream water management.



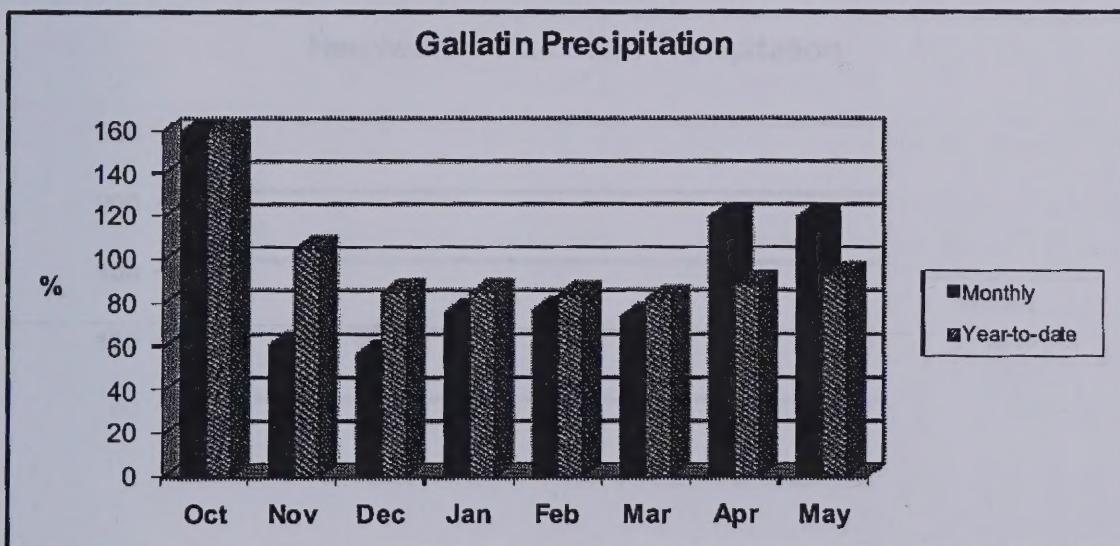
Gallatin River Basin

Snowpack in the Gallatin River Basin was above average above last year. Snow water content was 130 percent of average and 130 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1966; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977 and 2005; April maximum swe was in 1997 and minimum was in 2001; May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1975 and minimum in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during May was 121 percent of average and 161 percent of last year. Valley precipitation during May was 111 percent of average and 175 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 93 percent of average and 87 percent of last year.



Middle Creek storage was 113 percent of average and 100 percent of last year.

Assuming average precipitation June through July, basin streamflow forecasts average 87 percent and 78 percent of last years forecasts. Snow melt peaks flow date and seasonal volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -1.0 for the Gallatin River.

GALLATIN RIVER BASIN
Streamflow Forecasts - June 1, 2010

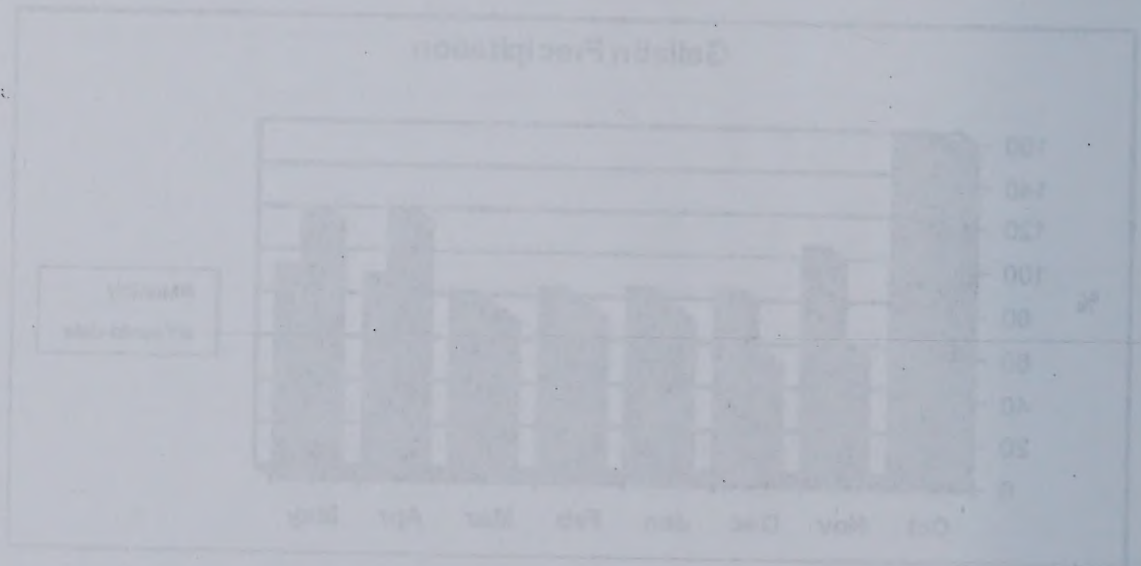
Forecast Point	Forecast Period	<<===== Drier =====		Future Conditions		===== Wetter =====>>		30-Yr Avg. (1000AF)
				Chance Of Exceeding *				
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
GALLATIN RIVER nr Gateway	JUN-JUL	172	205	230	81	255	290	285
	JUN-SEP	225	265	295	82	325	365	360
HYALITE RESERVOIR Inflow	JUN-JUL	13.0	14.5	15.5	104	16.5	18.0	14.9
	JUN-SEP	15.0	16.9	18.2	101	19.5	21	18.0
GALLATIN RIVER at Logan	JUN-JUL	126	179	215	77	250	305	280
	JUN-SEP	163	235	280	78	325	395	360

GALLATIN RIVER BASIN Reservoir Storage (1000 AF) - End of May					GALLATIN RIVER BASIN Watershed Snowpack Analysis - June 1, 2010			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
MIDDLE CREEK	10.2	8.6	8.6	7.6	UPPER GALLATIN	3	113	104
					HYALITE	2	109	128
					BRIDGER	2	358	373
					GALLATIN RIVER BASIN	7	130	130

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

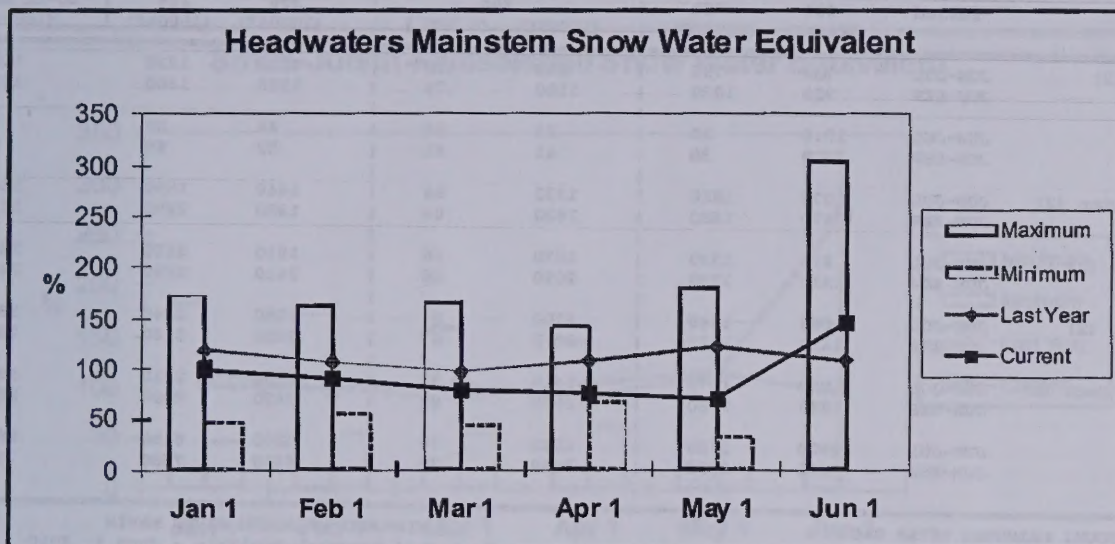
The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
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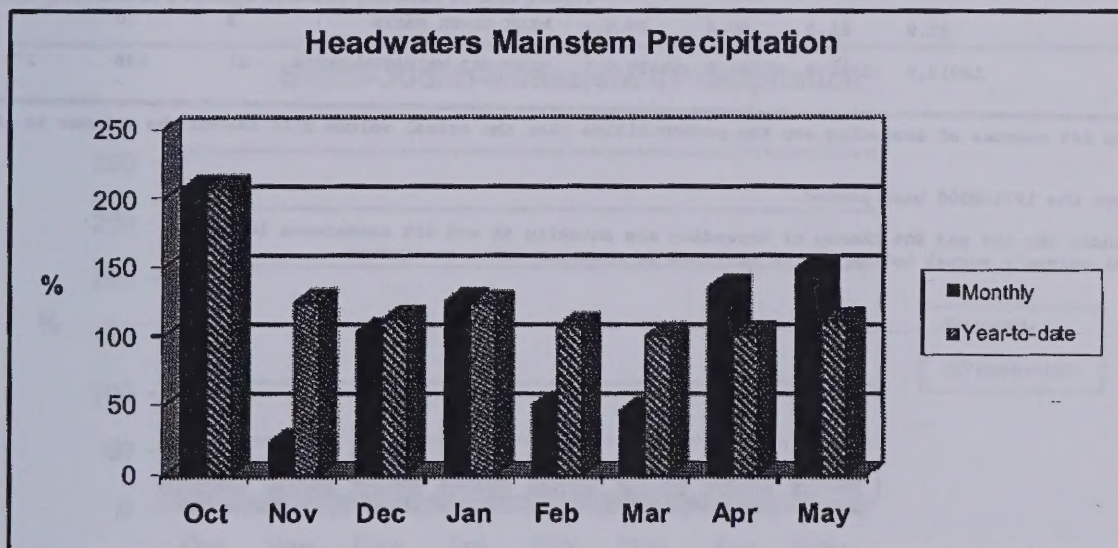
Missouri Mainstem River Basin

Snowpack in the Headwaters Missouri Mainstem River Basin was well above average and well above last year. Snow water content was 145 percent of average and 134 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum swe was in 1977; March maximum swe in 1972 and minimum swe was in 1977; April maximum swe was in 1972 and minimum swe was in 1961, 1966, and 2005; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during May was 128 percent of average and 271 percent of last year. Valley precipitation during May was 165 percent of average and 410 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 112 percent of average and 108 percent of last year.



Canyon Ferry Lake storage was 102 percent of average and 101 percent of last year; Helena Valley storage was 118 percent of average and 118 percent of last year; Lake Helena storage was 76 percent of average and 102 percent of last year; Hauser & Helena storage was 119 percent of average and 101 percent of last year; Holter Lake storage was 102 percent of average and 101 percent of last year; and Fort Peck Lake storage was 88 percent of average and 115 percent of last year.

Assuming average precipitation June through July, basin streamflow forecasts average 79 percent and 76 percent of last years forecasts. Snow melt peak flow dates and seasonal volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -0.7 in the Missouri River above Canyon Ferry; -1.0 in the Missouri River below Canyon Ferry; -0.8 in the Missouri River above Fort Peck; and -1.0 in the Missouri River below Fort Peck.

MISSOURI MAINSTEM RIVER BASIN
Streamflow Forecasts - June 1, 2010

Forecast Point	Forecast Period	<<===== Drier =====>>		Future Conditions		===== Wetter =====>>		30-Yr Avg. (1000AF)
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
MISSOURI RIVER at Toston (2)	JUN-JUL	730	795	860	79	1010	1230	1090
	JUN-SEP	955	1030	1120	79	1320	1600	1420
DEARBORN nr Craig	JUN-JUL	10.0	24	34	54	44	58	63
	JUN-SEP	13.9	30	41	61	52	68	67
MISSOURI RIVER at Fort Benton (2)	JUN-JUL	1070	1220	1330	84	1440	1590	1580
	JUN-SEP	1470	1680	1830	84	1980	2200	2170
MISSOURI RIVER at Virgelle (2)	JUN-JUL	975	1330	1570	86	1810	2170	1820
	JUN-SEP	1310	1770	2090	86	2410	2880	2430
MISSOURI RIVER nr Landusky (2)	JUN-JUL	1060	1440	1700	87	1960	2340	1950
	JUN-SEP	1410	1920	2270	87	2620	3140	2610
MISSOURI RIVER below Fort Peck (2)	JUN-JUL	1010	1370	1610	82	1850	2210	1960
	JUN-SEP	1320	1780	2100	82	2420	2890	2550
LAKE SAKAKAWEA Inflow (2)	JUN-JUL	2900	3750	4520	78	5290	6150	5800
	JUN-SEP	3620	4690	5650	78	6610	7680	7240

MISSOURI MAINSTEM RIVER BASIN Reservoir Storage (1000 AF) - End of May					MISSOURI MAINSTEM RIVER BASIN Watershed Snowpack Analysis - June 1, 2010			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
CANYON FERRY LAKE	2043.0	1686.0	1663.0	1656.7	HEADWATERS MAINSTEM	5	134	145
HELENA VALLEY	9.2	9.1	7.7	7.7	SMITH-JUDITH-MUSSELSHELL	9	283	271
LAKE HELENA	12.7	11.0	10.8	14.4	SUN-TETON-MARIAS	6	129	84
HAUSER & HELENA	74.6	74.3	73.5	62.6	MAINSTEM ab FT PECK RES	19	196	157
HOLTER LAKE	81.9	81.3	80.5	79.8	MILK RIVER BASIN	3	0	0
FORT PECK LAKE	18910.0	13660.0	11868.0	15495.0	MISSOURI MAINSTEM BASIN	21	196	170

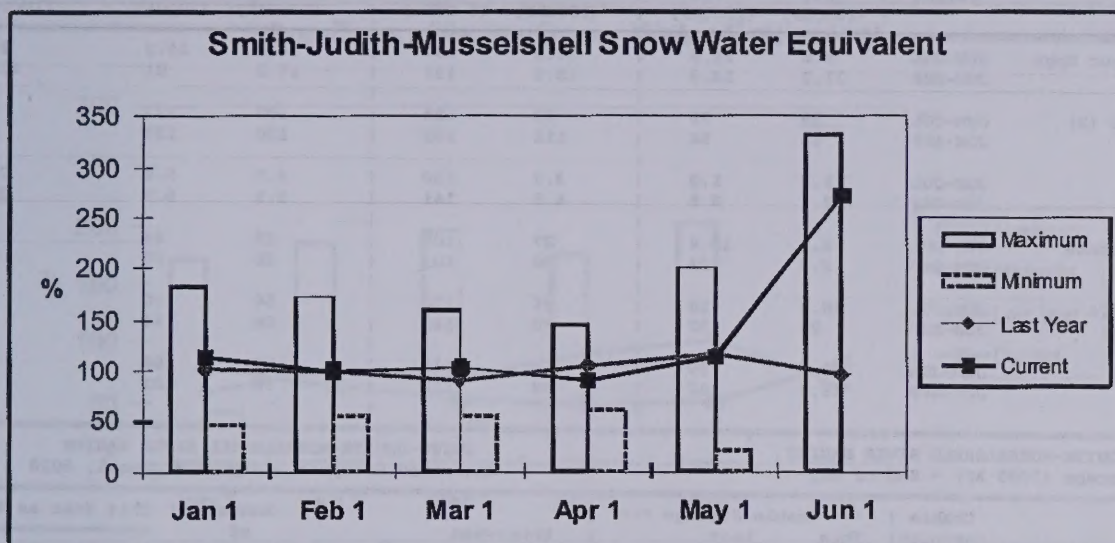
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The average is computed for the 1971-2000 base period.

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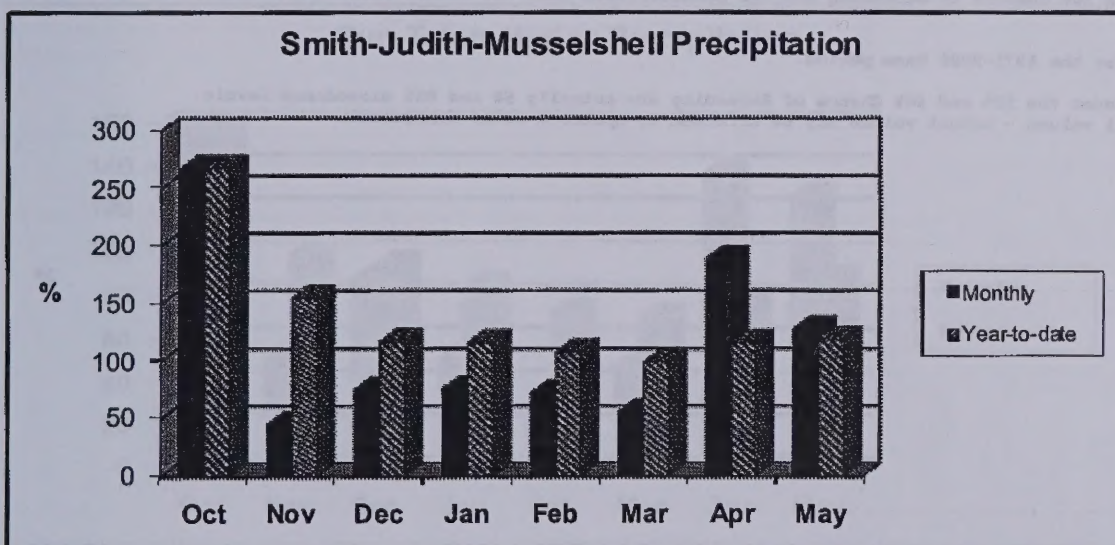
Smith-Judith-Musselshell River Basins

Snowpack in the Smith-Judith-Musselshell River Basins were well above average well above last year. Snow water content in the Smith was 219 percent of average and 213 percent of last year, Judith was 254 percent of average and 280 percent of last year, and the Musselshell was 156 percent of average and 394 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1988; February maximum swe was in 1978 and minimum swe was in 1987; March maximum swe was in 1978 and minimum swe was in 1987 and 2005; April maximum swe was in 1970 and minimum swe was in 1992; and May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1967 and minimum swe was in 1987, 1992, 1994, and 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during May in the Smith-Belts was 133 percent of average and 300 percent of last year; in the Judith was 135 percent of average and 302 percent of last year; and in the Musselshell was 101 percent of average and 360 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 119 percent of average and 118 percent of last year.



Smith River storage was 112 percent of average and 98 percent of last year; Ackley Lake storage was 131 percent of average and 168 percent of last year; Bair storage was 103 percent of average and 127 percent of last year; Martinsdale storage was 109 percent of average and 86 percent of last year; and Deadman's Basin was 95 percent of average and 86 percent of last year.

Assuming average precipitation June through July, basin streamflow forecasts average 124 percent and 148 percent of last years forecasts. Snow melt peak flow dates and seasonal volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was +1.7 in the Smith River; +2.9 in the Upper Judith River; and +1.2 in the Musselshell River.

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Streamflow Forecasts - June 1, 2010

Forecast Point	Forecast Period	<< Drier		Future Conditions		Wetter >>		30-Yr Avg. (1000AF)
		90%	70%	50%		30%	10%	
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
SHEEP CREEK nr White Sulphur Spgs.	JUN-JUL	8.8	11.0	12.5	137	14.0	16.2	9.1
	JUN-SEP	11.0	13.9	15.9	131	17.9	21	12.1
SMITH RIVER bl Eagle Creek (2)	JUN-JUL	59	79	93	124	107	127	75
	JUN-SEP	66	94	112	123	130	158	91
NF MUSSELSHELL nr Delpine	JUN-JUL	1.2	1.9	3.0	130	4.2	5.8	2.3
	JUN-SEP	2.1	3.5	4.5	141	5.5	6.9	3.2
SF MUSSELSHELL abv Martinsdale	JUN-JUL	8.1	19.4	27	108	35	46	25
	JUN-SEP	9.9	22	30	103	38	50	29
MUSSELSHELL at Harlowton (2)	JUN-JUL	18.4	28	46	124	64	90	37
	JUN-SEP	20	32	50	122	68	94	41
MUSSELSHELL nr Roundup (2)	JUN-JUL	13.6	39	56	119	73	98	47
	JUN-SEP	16.6	42	59	118	76	101	50

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Reservoir Storage (1000 AF) - End of May

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Watershed Snowpack Analysis - June 1, 2010

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
SMITH RIVER	10.6	11.4	11.6	10.2	SMITH	6	213	219
ACKLEY LAKE	7.0	6.4	3.8	4.9	HIGHWOOD	0	0	0
BAIR	7.0	6.1	4.8	5.9	JUDITH	4	280	254
MARTINSDALE	23.1	19.8	22.9	18.2	MUSSELSHELL	2	394	156
DEADMAN'S BASIN	72.2	55.0	63.9	57.6	SMITH-JUDITH-MUSSELSHELL	9	283	271

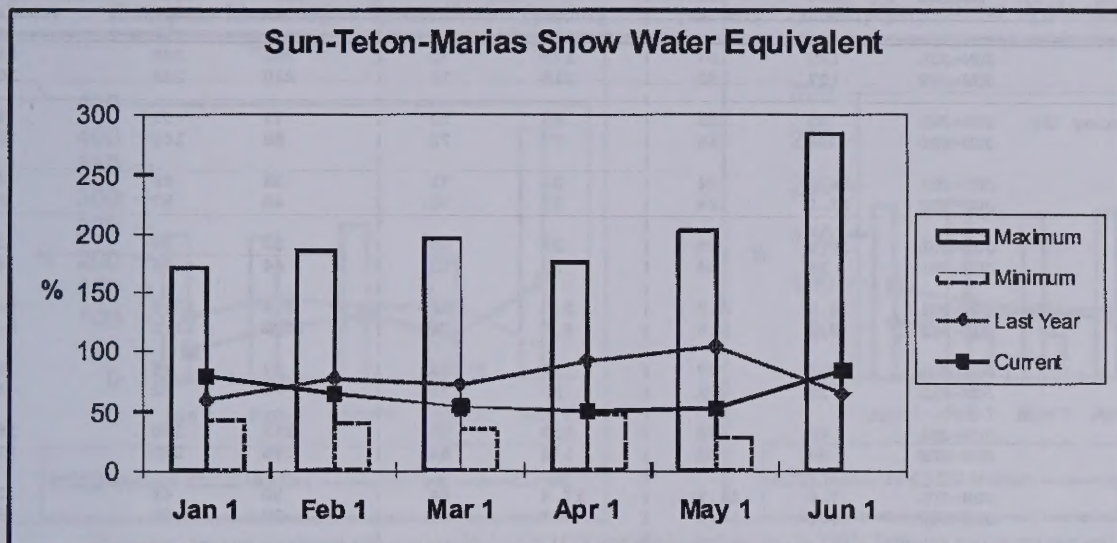
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
 (2) - The value is natural volume - actual volume may be affected by upstream water management.

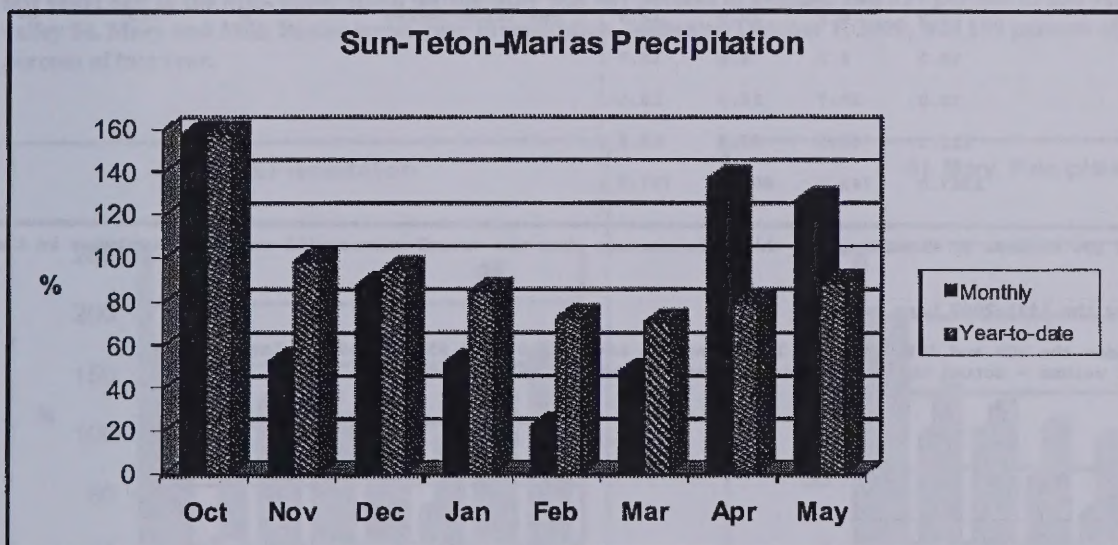
Sun-Teton-Marias River Basins

Snowpack in the Sun-Teton-Marias River Basins were below average above last year. Snow water content in the Sun was 78 percent of average and 141 percent of last year; Teton was 78 percent of average and 141 percent of last year; and Marias was 86 percent of average and 125 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum was in 1972 and minimum swe was in 1987, 1992, and 1998. Average is for the period 1971 through 2000.

Mountain and valley precipitation during May in the Sun was 124 percent of average and 467 percent of last year; in the Teton was 125 percent of average and 253 percent of last year; and in the Marias was 128 percent of average and 320 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 89 percent of average and 98 percent of last year.



Gibson storage was 96 percent of average and 101 percent of last year; Pishkun storage was 103 percent of average and 101 percent of last year; Willow Creek storage was 106 percent of average and 91 percent of last year; Lower Two Medicine Lake storage was 40 percent of average and 39 percent of last year; Four Horns Lake storage was 32 percent of average and 47 percent of last year; Swift storage was 88 percent of average and 145 percent of last year; Lake Frances storage was 78 percent of average and 70 percent of last year; and Lake Elwell (Tiber) storage was 101 percent of average and 93 percent of last year.

Assuming average precipitation June through July, basin streamflow forecasts average 73 percent and 91 percent of last years forecasts. Snow melt peak flow dates and seasonal volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -2.9 in the Sun River; -0.2 in the Teton River; -2.0 in the Birch/Dupuyer Creeks; and -1.9 in the Marias River above Tiber and -2.2 in the Marias below Tiber.

SUN-TETON-MARIAS RIVER BASINS
Streamflow Forecasts - June 1, 2010

Forecast Point	Forecast Period	<< Drier		Future Conditions		Wetter >>		30-Yr Avg. (1000AF)
		90%	70%	Chance Of Exceeding *		30%	10%	
		(1000AF)	(1000AF)	(1000AF)	50% (% AVG.)	(1000AF)	(1000AF)	
GIBSON Reservoir Inflow	JUN-JUL	125	157	179	70	200	235	255
	JUN-SEP	157	192	215	71	240	275	305
TWO MEDICINE RIVER nr Browning (2)	JUN-JUL	45	59	68	72	77	91	95
	JUN-SEP	51	66	77	72	88	103	107
BADGER CREEK nr Browning	JUN-JUL	14.2	24	31	71	38	48	44
	JUN-SEP	17.1	29	37	70	45	57	53
SWIFT RESERVOIR Inflow	JUN-JUL	18.8	25	29	83	33	39	35
	JUN-SEP	26	34	39	83	44	52	47
DUPUYER CREEK nr Valier	JUN-JUL	0.6	2.2	5.3	82	8.4	12.8	6.5
	JUN-SEP	0.8	2.8	6.5	78	10.2	15.5	8.3
CUT BANK CREEK nr Browning	JUN-JUL	18.8	27	32	76	37	45	42
	JUN-SEP	22	31	37	76	43	52	49
MARIAS RIVER nr Shelby (2)	JUN-JUL	48	75	119	65	163	230	183
	JUN-SEP	54	83	134	64	185	260	210
TETON nr Dutton	JUN-JUL	7.0	11.2	17.4	64	30	48	27
	JUN-SEP	9.2	14.5	23	66	38	60	35

SUN-TETON-MARIAS RIVER BASINS Reservoir Storage (1000 AF) - End of May					SUN-TETON-MARIAS RIVER BASINS Watershed Snowpack Analysis - June 1, 2010			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
GIBSON	99.1	85.4	84.4	89.2	SUN	2	141	78
PISHKUN	32.0	31.1	30.9	30.3	TETON	3	141	78
WILLOW CREEK	32.2	29.7	32.7	28.0	MARIAS	3	125	86
LOWER TWO MEDICINE LAKE	11.9	4.9	12.5	12.3	SUN-TETON-MARIAS	6	129	84
FOUR HORNS LAKE	19.2	4.1	8.8	12.7				
SWIFT	30.0	20.7	14.3	23.5				
LAKE FRANCES	112.0	65.1	93.3	83.9				
LAKE ELWELL (TIBER)	1347.0	743.7	802.5	737.7				

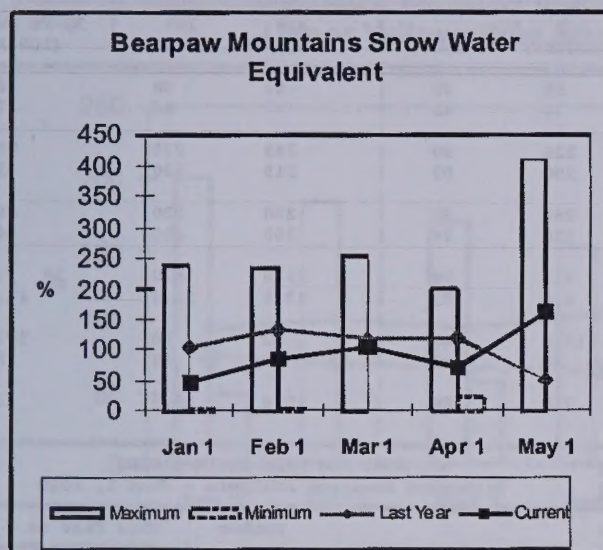
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

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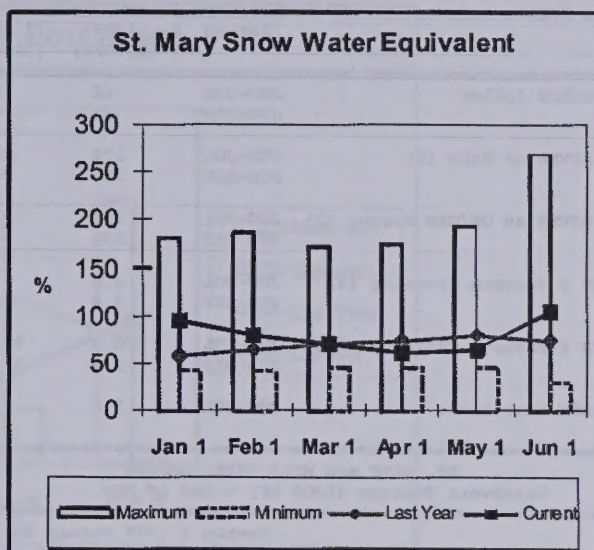
St. Mary and Milk River Basins

Snowpack in the St. Mary was near average and well above last year. Snow water content was 105 percent of average and 143 percent of last year. Snow monitoring sites in the Milk were melted out.

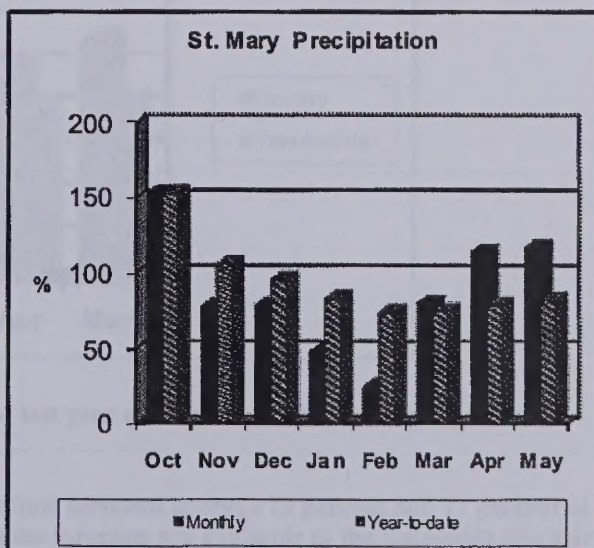
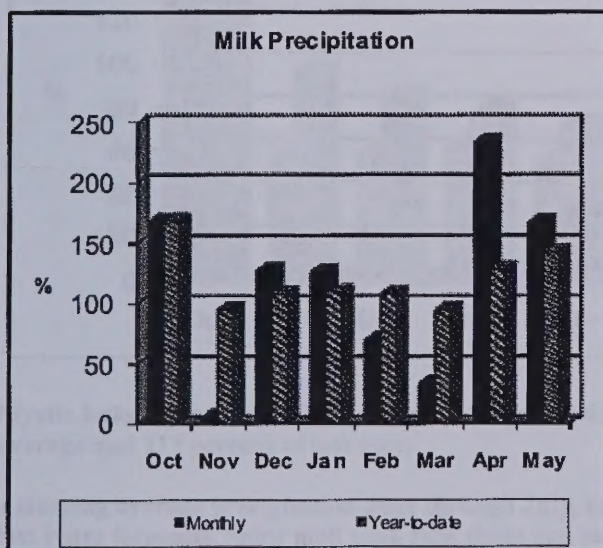


Bearpaw - January maximum swe was established in 1978 and minimum swe was in 1981; February maximum swe was 1978 and minimum was in 1973; March maximum swe was 1978 and minimum swe was 2005; April maximum swe was in 1985 and minimum swe was in 1973, 1983, and 1986; May maximum swe was 1975 and the minimum, 0.0, has occurred in several years. Average is for the period 1971 through 2000.

St. Mary - January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1967 and 1972 and minimum swe was in 2005; May maximum swe was in 1992 and minimum swe was in 1977; and June maximum swe was in 1972 and minimum swe was 1992. Average is for the period 1971 through 2000.



Mountain and valley precipitation in the St. Mary River Basin during May was 117 percent of average and 144 percent of last year; and in the Milk River Basin during May was 167 percent of average and 327 percent of last year. Mountain and valley St. Mary and Milk Basins water year precipitation, beginning October 1, 2009, was 109 percent of average and 128 percent of last year.



Lake Sherburne storage was 77 percent of average and 74 percent of last year; Fresno storage was 124 percent of average and 113 percent of last year; Beaver Creek storage was not available; and Nelson storage was 143 percent of average and 101 percent of last year.

Assuming average precipitation June through July, basin streamflow forecasts average 93 percent and 102 percent of last years forecasts. Snow melt peak flow dates and seasonal volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -1.4 for the St. Mary River and +2.6 for the Milk River.

ST. MARY and MILK RIVER BASINS
Streamflow Forecasts - June 1, 2010

Forecast Point	Forecast Period	<< Drier >>		Future Conditions		>> Wetter >>		30-Yr Avg. (1000AF)
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
LAKE SHERBURNE Inflow	JUN-JUL	42	50	55	90	60	68	61
	JUN-SEP	56	65	71	91	77	86	78
ST. MARY RIVER nr Babb (2)	JUN-JUL	174	205	225	90	245	275	250
	JUN-SEP	230	265	290	92	315	350	315
ST. MARY RIVER at US/CAN Border (2)	JUN-JUL	190	230	260	98	290	330	265
	JUN-SEP	250	300	330	96	360	410	345
MILK RIVER @ Western Crossing (3)	JUN-JUL	3.0	4.3	7.4	78	10.5	15.0	9.5
	JUN-SEP	3.8	5.3	9.4	83	13.5	19.4	11.3
MILK RIVER @ Eastern Crossing (2,3)	JUN-JUL	6.6	11.0	16.6	85	30	50	19.5
	JUN-SEP	9.6	15.0	24	83	39	61	29
BEAVER CREEK near Havre	JUN-JUL	3.0	4.1	7.5	188	10.9	15.9	4.0

ST. MARY and MILK RIVER BASINS
Reservoir Storage (1000 AF) - End of May

ST. MARY and MILK RIVER BASINS
Watershed Snowpack Analysis - June 1, 2010

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
LAKE SHERBURNE	64.3	26.8	36.2	34.6	ST. MARY	2	143	105
FRESNO	127.0	103.3	91.4	83.5	BEARPAW MOUNTAINS	3	0	0
BEAVER CREEK		NO REPORT			CYPRESS HILLS, CANADA	0	0	0
NELSON	66.8	58.1	58.2	40.6	MILK RIVER BASIN	3	0	0
					ST. MARY & MILK BASINS	5	143	104

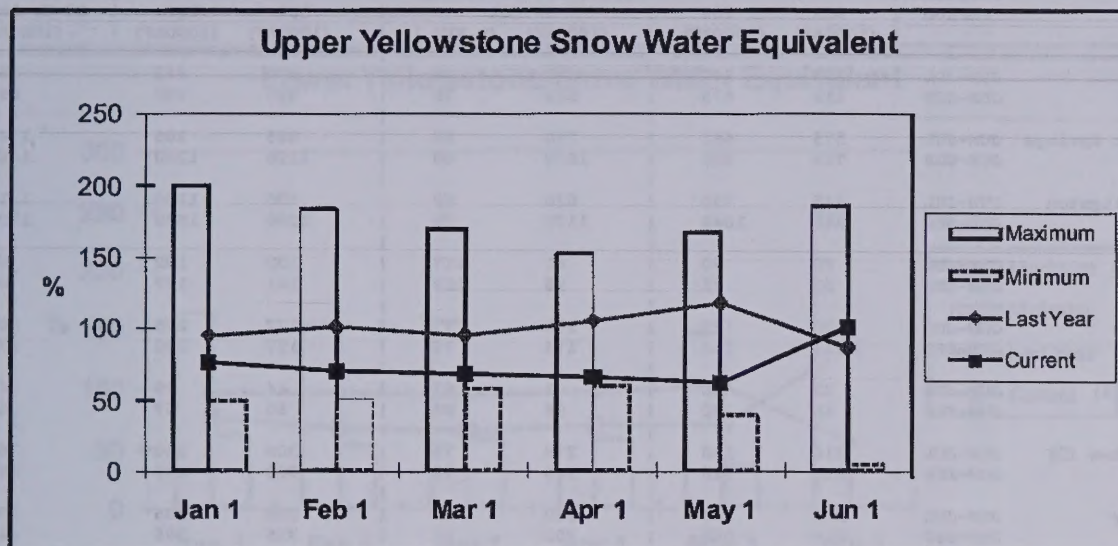
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The average is computed for the 1971-2000 base period.

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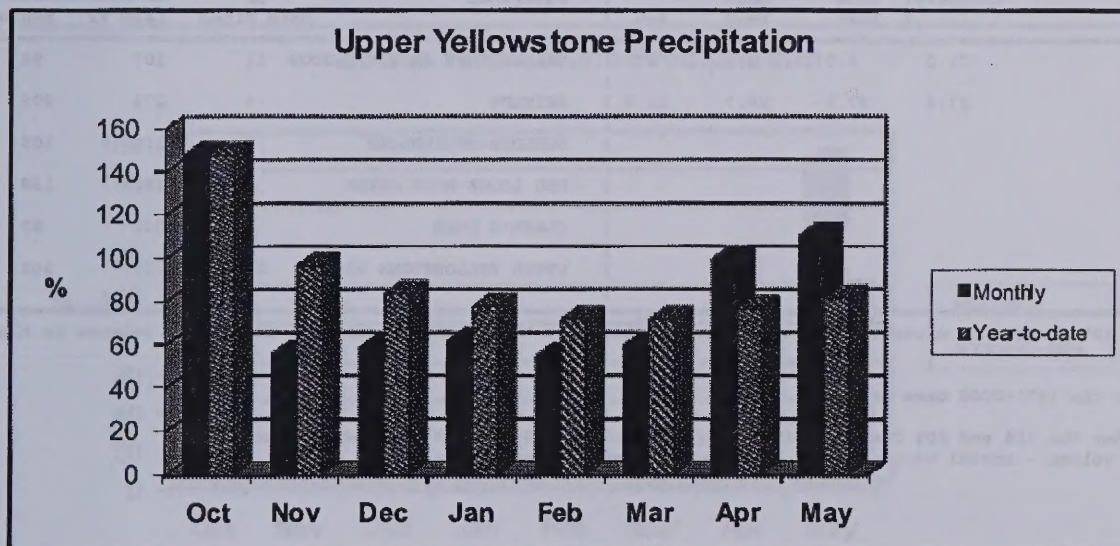
Upper Yellowstone River Basin

Snowpack in the Upper Yellowstone River Basin was average. Snow water content was 102 percent of average and 118 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1997 and minimum swe was in 2001; April maximum swe was in 1997 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1987; and June maximum swe was 1996 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during May was 116 percent of average and 161 percent of last year. Valley precipitation during May was 96 percent of average and 362 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 82 percent of average and 80 percent of last year.



Mystic Lake storage was 70 percent of average and 63 percent of last year and Cooney storage was 130 percent of average and 113 percent of last year.

Assuming average precipitation June through July, basin streamflow forecasts average 79 percent and 77 percent of last years forecasts. Snow melt peak flow dates and seasonal volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -2.9 in the Yellowstone River above Livingston; +1.1 in the Shields River; -1.0 in the Boulder River; -2.3 in the Stillwater River; -0.7 in the Rock/Red lodge Creeks; -3.1 in the Clarks Fork River; and -2.6 in the Yellowstone River above Bighorn River.

UPPER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - June 1, 2010

Forecast Point	Forecast Period	<< Drier		Future Conditions		>> Wetter		30-Yr Avg. (1000AF)
		90%	70%	Chance Of Exceeding *		30%	10%	
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
YELLOWSTONE at Lake Outlet	JUN-JUL	295	340	370	76	400	445	485
	JUN-SEP	410	475	520	75	565	630	695
YELLOWSTONE RIVER at Corwin Springs	JUN-JUL	575	695	780	68	865	985	1140
	JUN-SEP	735	900	1010	69	1120	1280	1460
YELLOWSTONE RIVER near Livingston	JUN-JUL	645	795	895	68	995	1150	1310
	JUN-SEP	845	1040	1170	69	1300	1500	1700
SHIELDS RIVER nr Livingston	JUN-JUL	30	60	81	117	102	132	69
	JUN-SEP	35	71	96	112	121	157	86
BOULDER RIVER at Big Timber	JUN-JUL	112	139	158	77	177	205	205
	JUN-SEP	117	151	174	76	197	230	230
WEST ROSEBUD CK nr Roscoe (2)	JUN-JUL	33	38	41	87	44	49	47
	JUN-SEP	45	52	56	88	60	67	64
STILLWATER RIVER nr Absarokee (2)	JUN-JUL	210	250	275	75	300	340	365
	JUN-SEP	255	310	345	75	380	435	460
CLARKS FORK RIVER nr Belfry	JUN-JUL	205	245	270	69	295	335	390
	JUN-SEP	215	265	300	67	335	385	445
COONEY RESERVOIR Inflow (2)	JUN-JUL	8.8	15.0	19.2	84	23	30	23
	JUN-SEP	16.4	24	29	85	34	42	34
YELLOWSTONE RIVER at Billings	JUN-JUL	1380	1550	1710	72	1880	2070	2380
	JUN-SEP	1730	1940	2160	72	2360	2590	2990

UPPER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of May

UPPER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - June 1, 2010

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
MYSTIC LAKE	21.0	4.0	6.3	5.7	YELLOWSTONE ab LIVINGSTON	11	107	94
COONEY	27.4	27.9	24.7	21.5	SHIELDS	4	271	209
					BOULDER-STILLWATER	3	112	105
					RED LODGE-ROCK CREEK	2	185	158
					CLARK'S FORK	7	104	83
					UPPER YELLOWSTONE BASIN	23	118	102

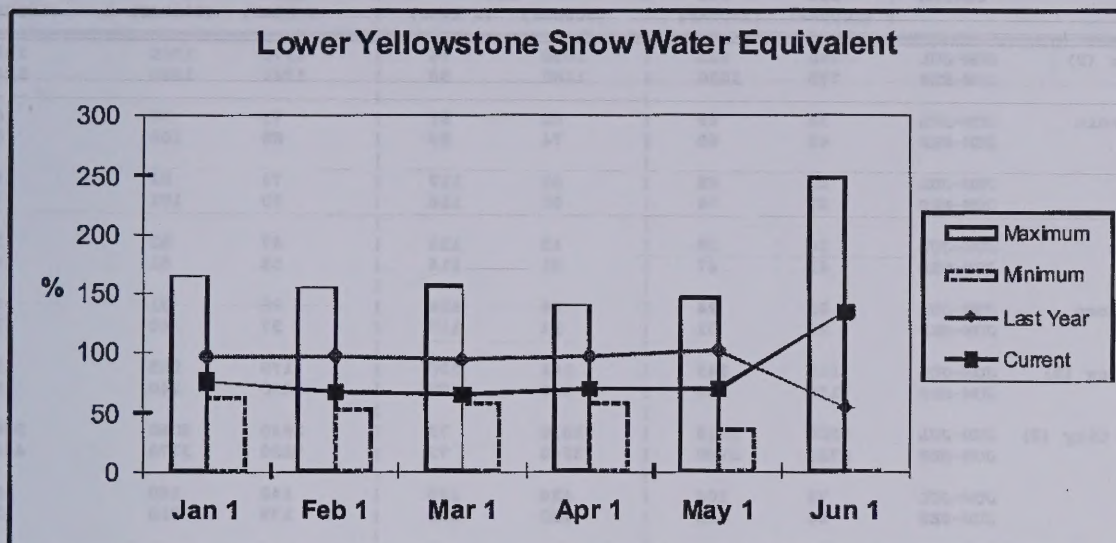
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The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
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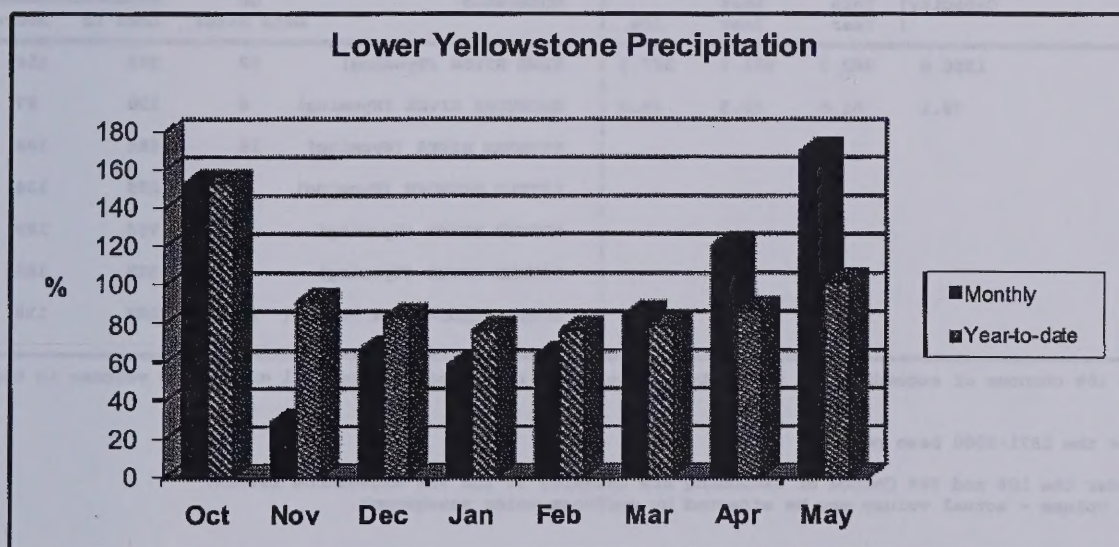
Lower Yellowstone River Basin

Snowpack in the Lower Yellowstone River Basin were well above average. Snow water content was 135 percent of average and 251 percent of last year. Snow water content in the Tongue and Powder Basins were sixth highest of record.



January maximum swe was established in 1997 and minimum swe was in 2000; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1986 and minimum swe was in 2001; April maximum swe was in 1986 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1981; and June maximum swe was in 1995 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during May was 170 percent of average and 307 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 102 of average and 102 percent of last year.



Bighorn Lake storage was 111 percent of average and 108 percent of last year and Tongue River storage was 170 percent of average and 118 percent of last year.

Assuming average precipitation June through July, basin streamflow forecasts average 101 percent and 128 percent of last years forecasts. Snow melt peak flow dates and seasonal volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -0.4 in the Bighorn River below Bighorn Lake; -0.1 in the Little Bighorn River; -1.6 in the Yellowstone River below Bighorn River; +2.3 in the Tongue River; and +2.0 in the Powder River.

LOWER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - June 1, 2010

Forecast Point	Forecast Period	<----- Drier ----- Future Conditions ----- Wetter ----->						30-Yr Avg. (1000AF)
		90% 70%		Chance Of Exceeding *		30% 10%		
		(1000AF)	(1000AF)	(1000AF)	50% (% AVG.)	(1000AF)	(1000AF)	
BIGHORN RIVER nr St. Xavier (2)	JUN-JUL	745	925	1050	96	1170	1360	1090
	JUN-SEP	775	1020	1180	95	1340	1580	1240
LITTLE BIGHORN RIVER nr Hardin	JUN-JUL	32	49	61	91	73	90	67
	JUN-SEP	40	60	74	89	88	108	83
TONGUE RIVER nr Dayton (2)	JUN-JUL	52	62	68	117	74	84	58
	JUN-SEP	63	74	82	116	90	101	71
BIG GOOSE CREEK nr Sheridan	JUN-JUL	34	39	43	123	47	52	35
	JUN-SEP	41	47	51	116	55	61	44
LITTLE GOOSE CREEK nr Big Horn	JUN-JUL	21	24	26	124	28	31	21
	JUN-SEP	28	31	34	117	37	40	29
TONGUE RIVER RESERVOIR Inflow (2)	JUN-JUL	116	143	161	128	179	205	126
	JUN-SEP	130	164	186	122	210	240	153
YELLOWSTONE RIVER at Miles City (2)	JUN-JUL	2200	2410	2630	73	2840	3060	3600
	JUN-SEP	2710	2980	3240	73	3520	3770	4450
POWDER RIVER at Moorehead	JUN-JUL	72	104	126	120	148	180	105
	JUN-SEP	86	125	152	119	179	220	128
POWDER RIVER nr Locate	JUN-JUL	69	112	141	122	170	215	116
	JUN-SEP	80	134	171	121	210	260	141
YELLOWSTONE RIVER nr Sidney (2)	JUN-JUL	2120	2410	2700	74	2960	3250	3650
	JUN-SEP	2590	2940	3290	74	3610	3990	4460

LOWER YELLOWSTONE RIVER BASIN Reservoir Storage (1000 AF) - End of May					LOWER YELLOWSTONE RIVER BASIN Watershed Snowpack Analysis - June 1, 2010			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
BIGHORN LAKE	1356.0	962.3	891.7	867.1	WIND RIVER (Wyoming)	12	302	156
TONGUE RIVER	79.1	81.8	69.5	48.0	SHOSHONE RIVER (Wyoming)	6	130	87
					BIGHORN RIVER (Wyoming)	16	186	104
					LITTLE BIGHORN (Wyoming)	2	229	134
					TONGUE RIVER (Wyoming)	7	716	189
					POWDER RIVER (Wyoming)	6	532	182
					LOWER YELLOWSTONE BASIN (	31	252	135

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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Montana Water Supply Outlook Report

Natural Resources Conservation Service
Bozeman, MT

